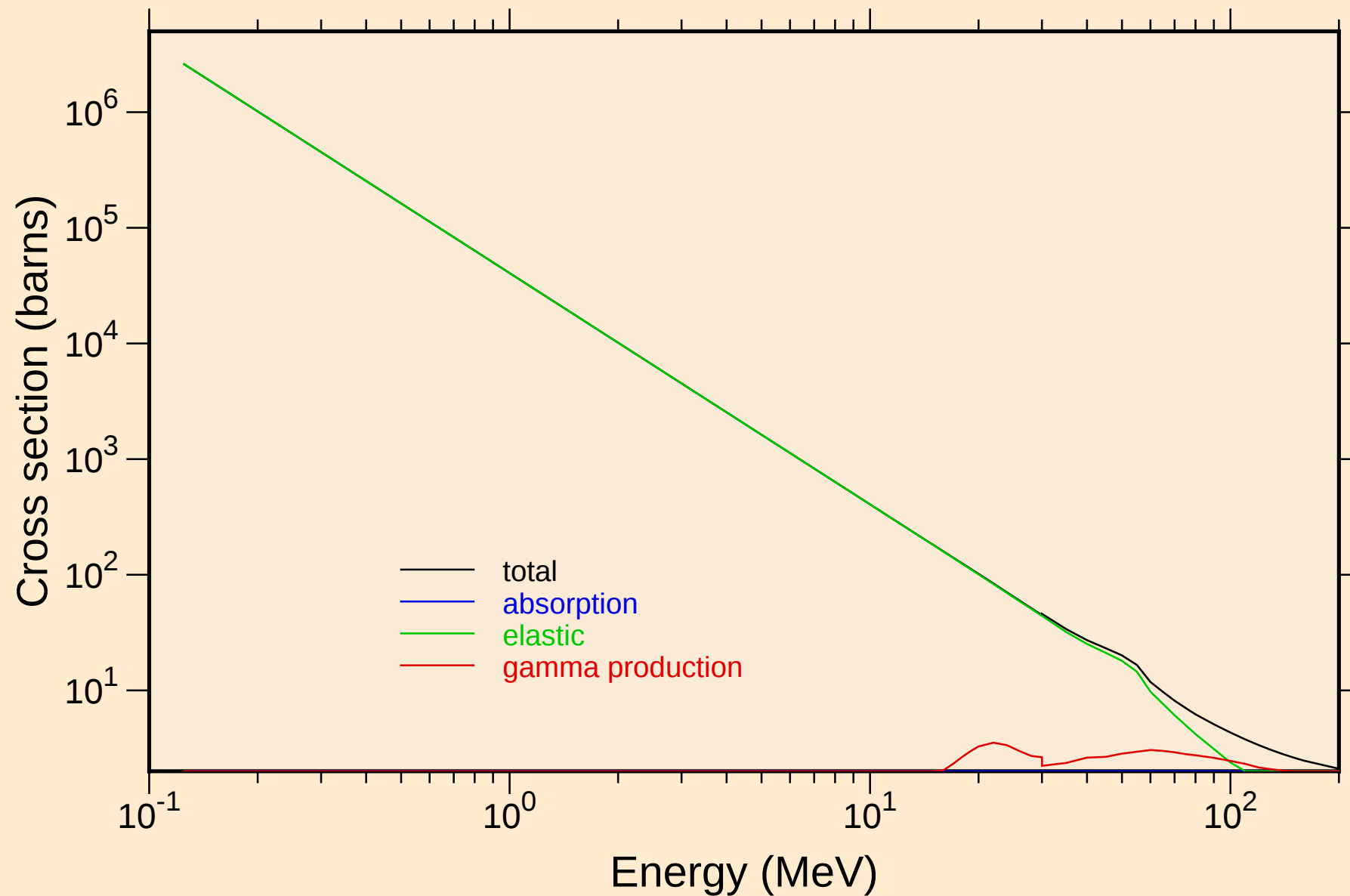


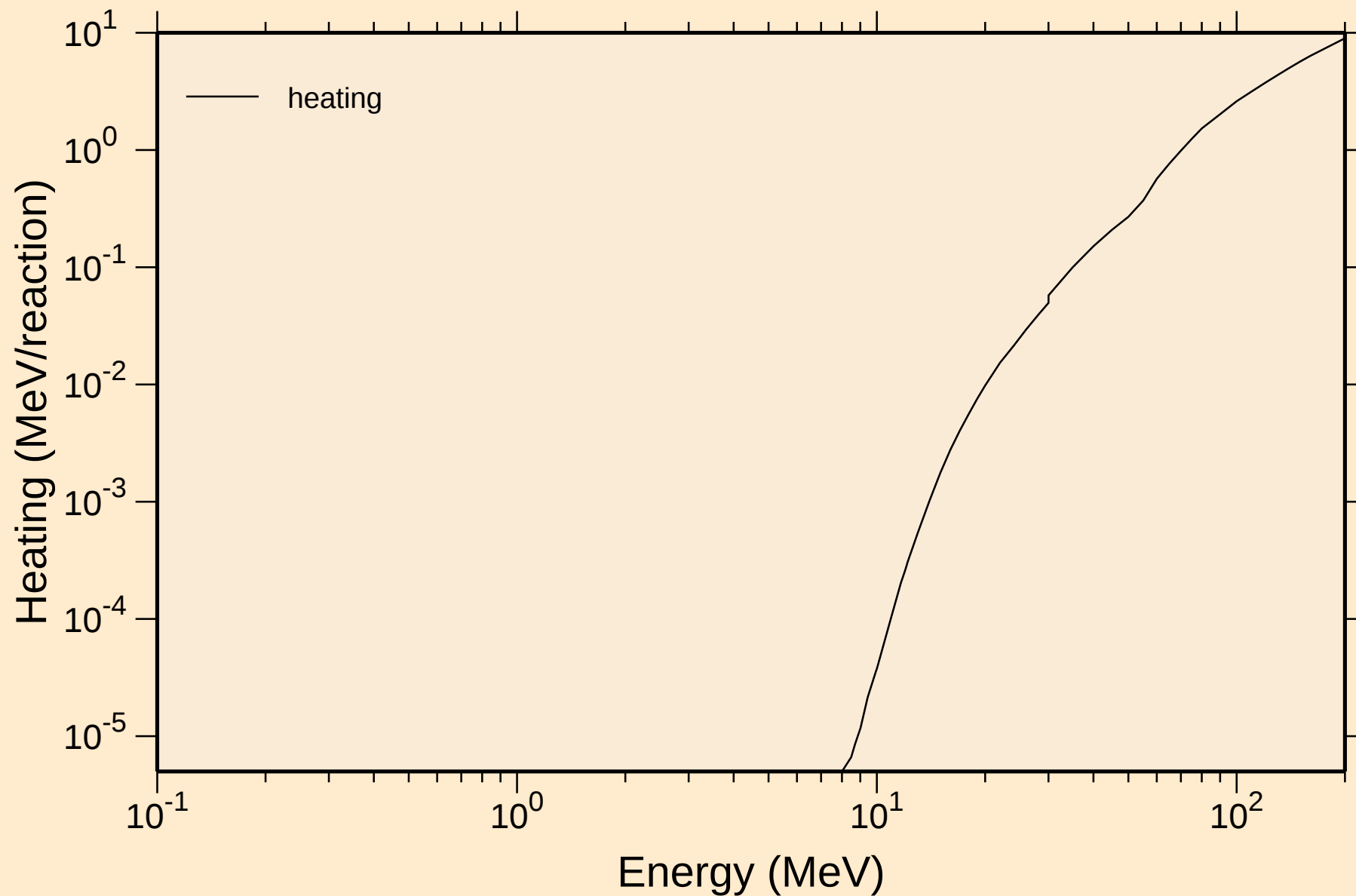
# TL212 PROTON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



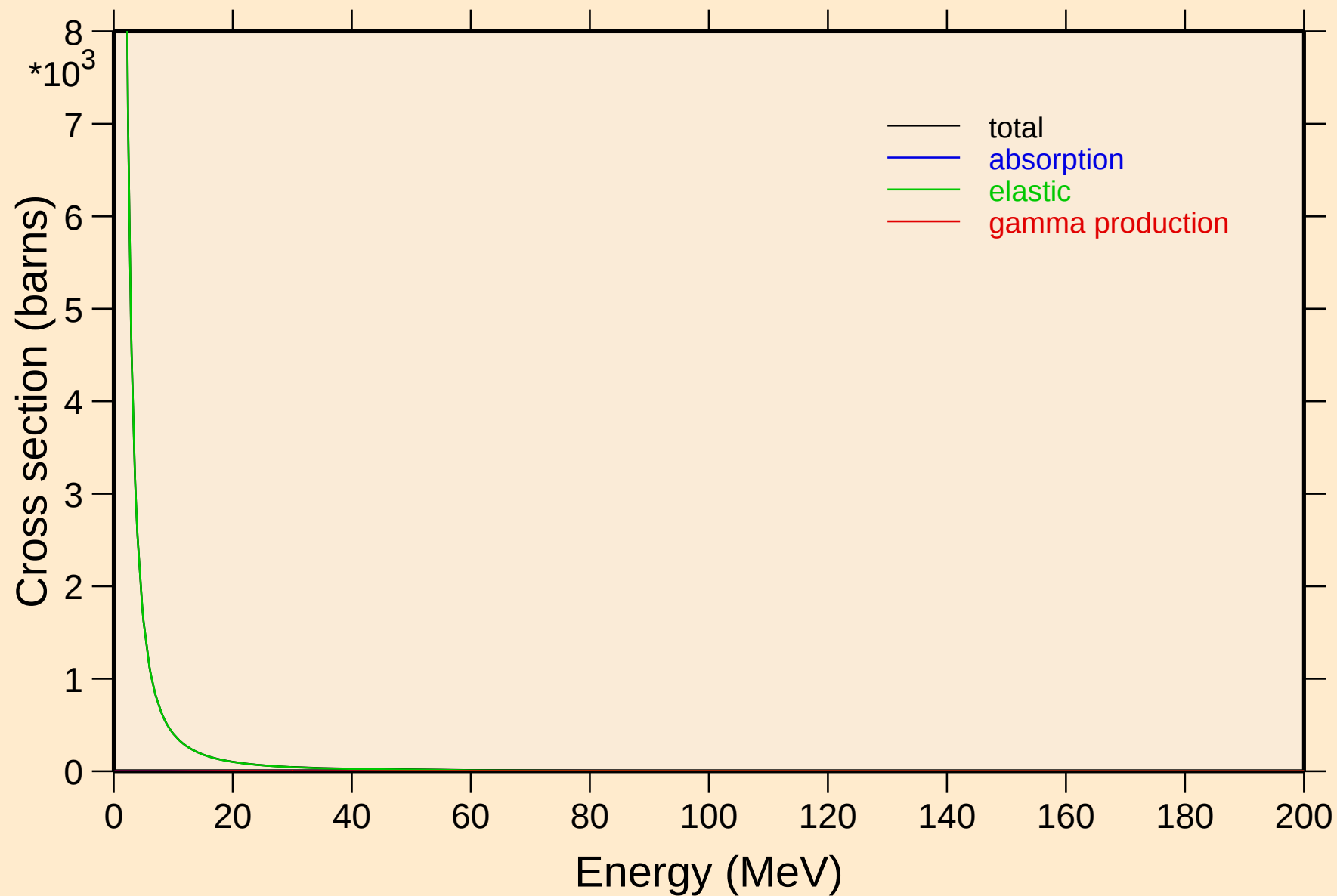
# TL212 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Heating



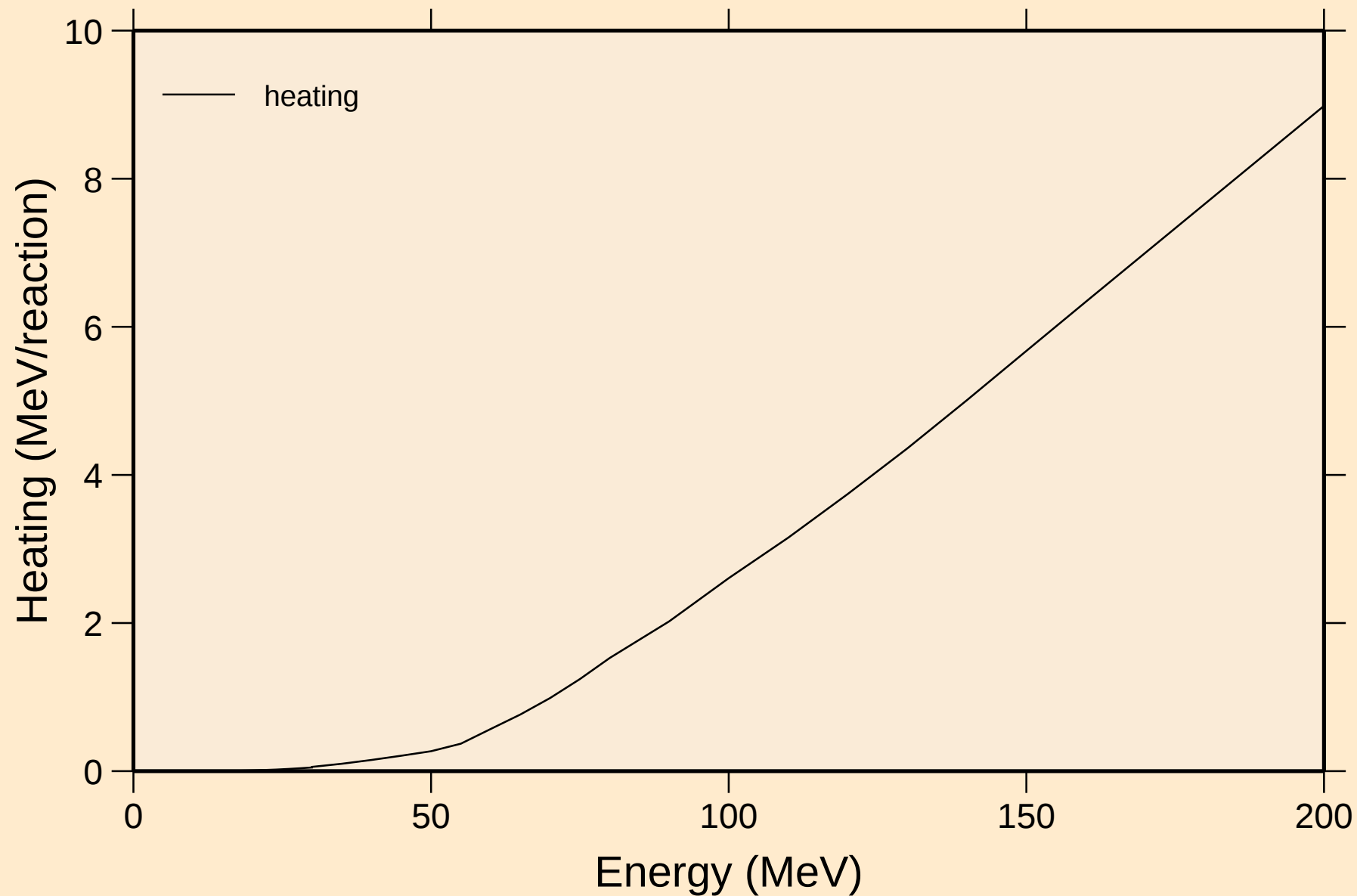
# TL212 PROTON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



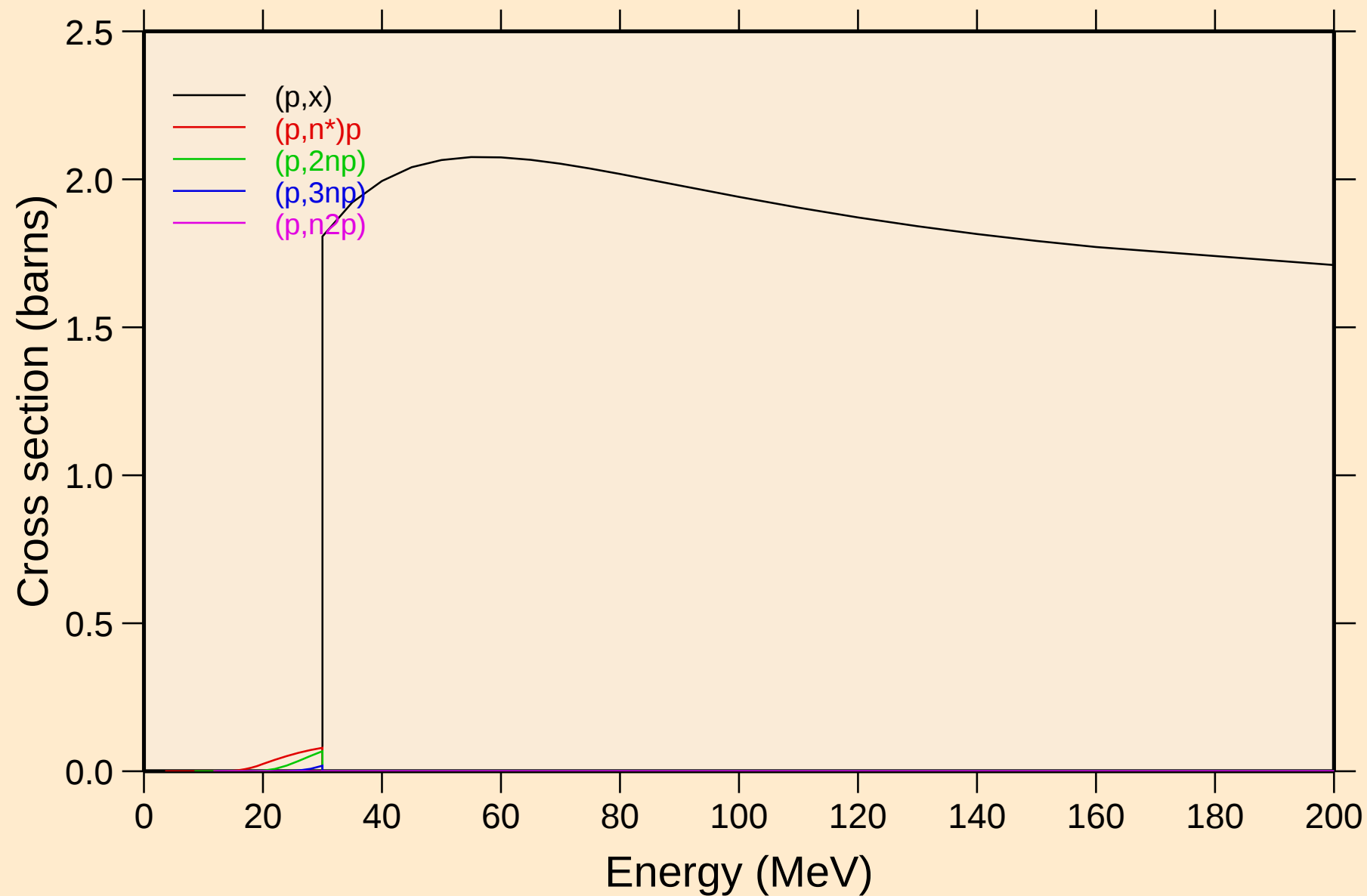
# TL212 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Heating

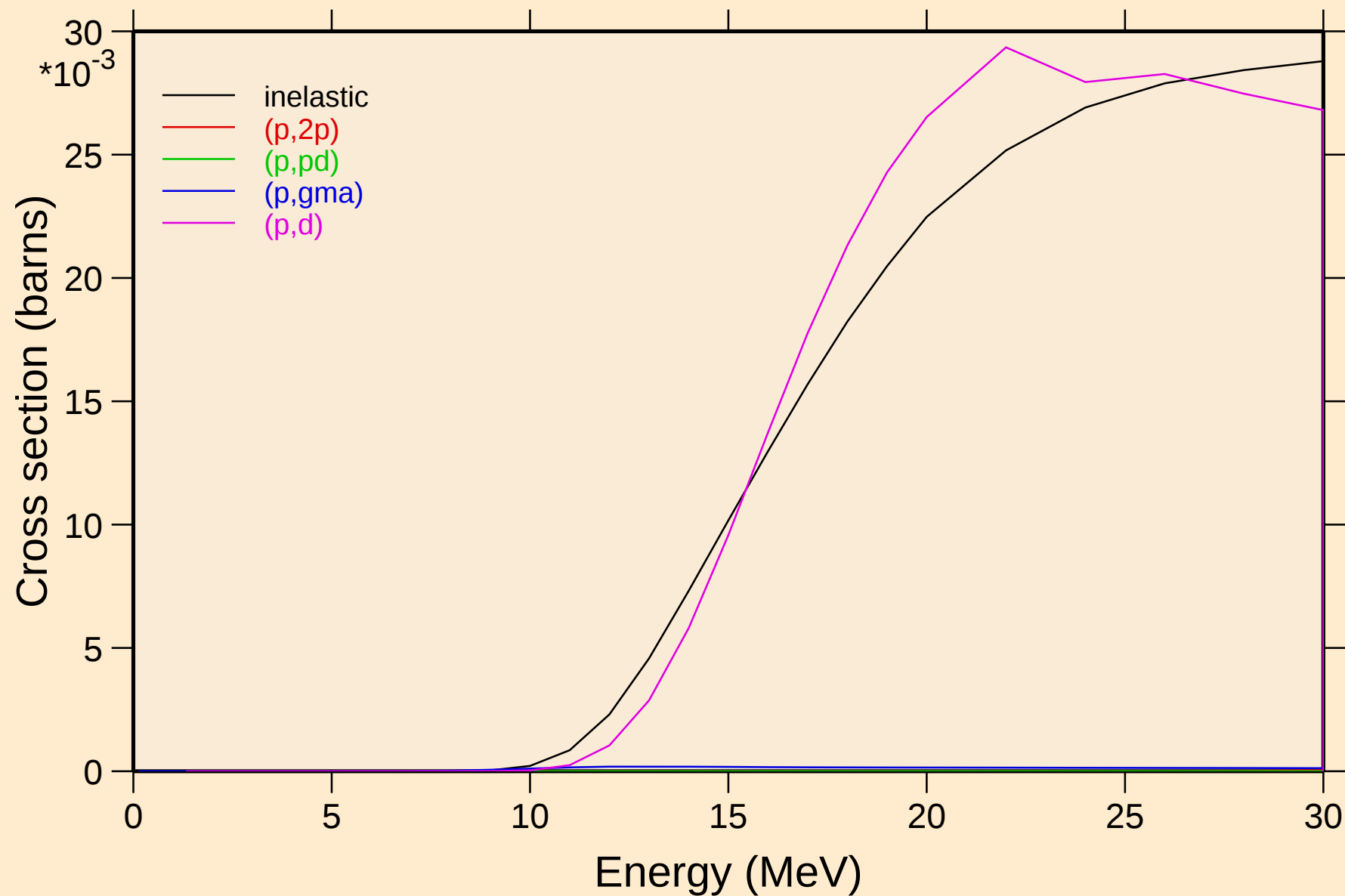


# TL212 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Threshold reactions

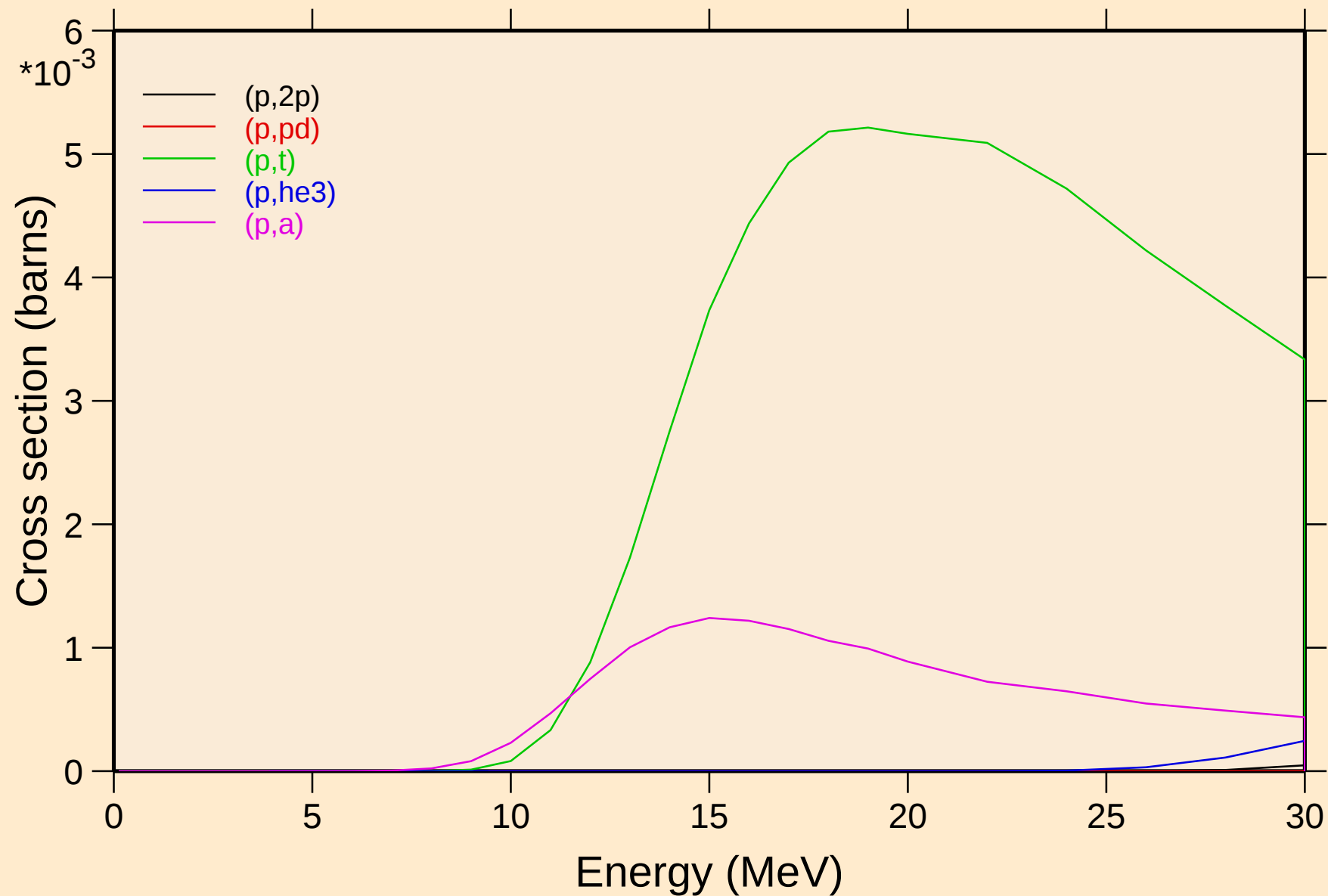


TL212 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

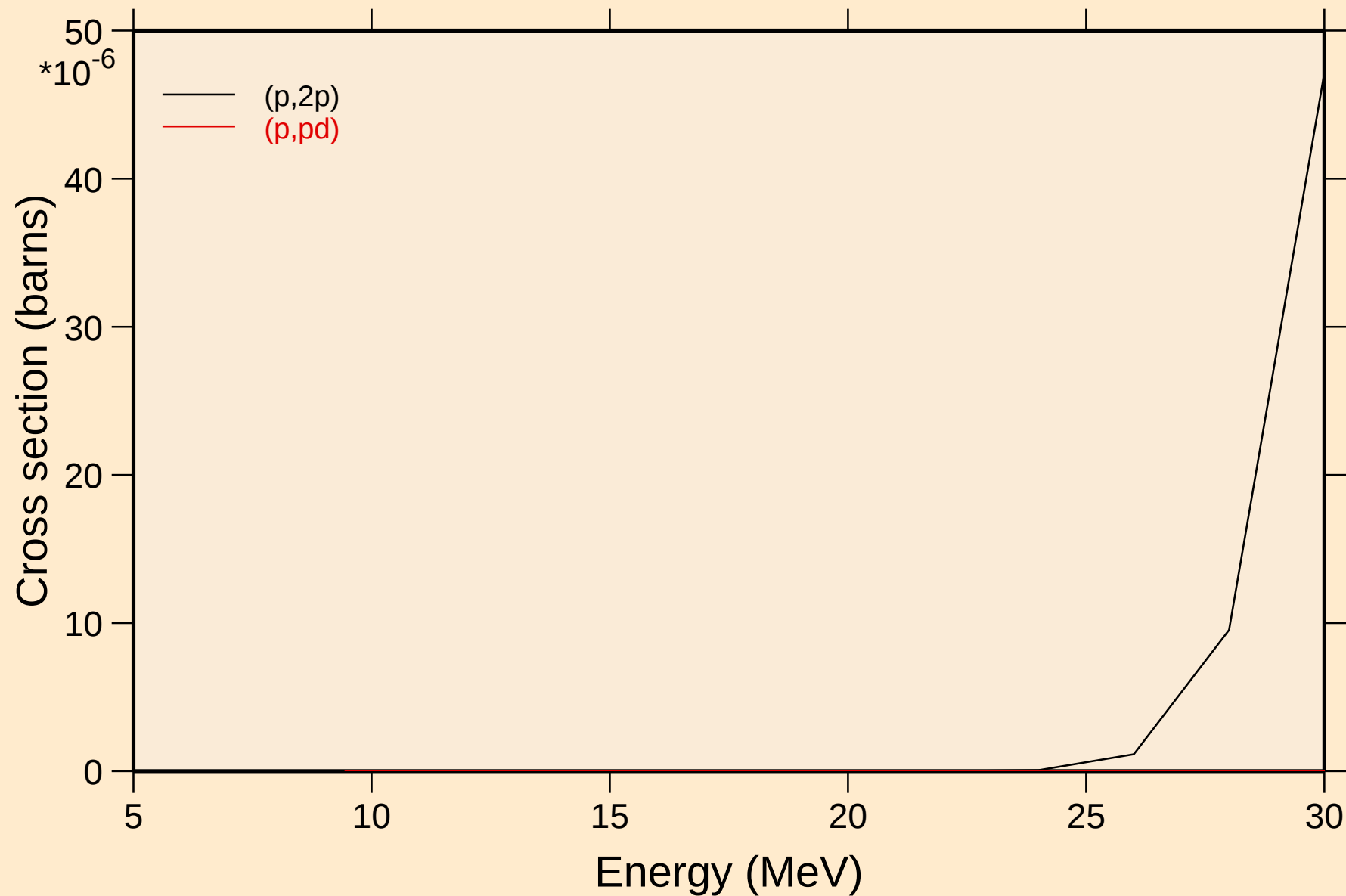


# TL212 PROTON ACER TENDL-2024 LIBRARY; T=0.K

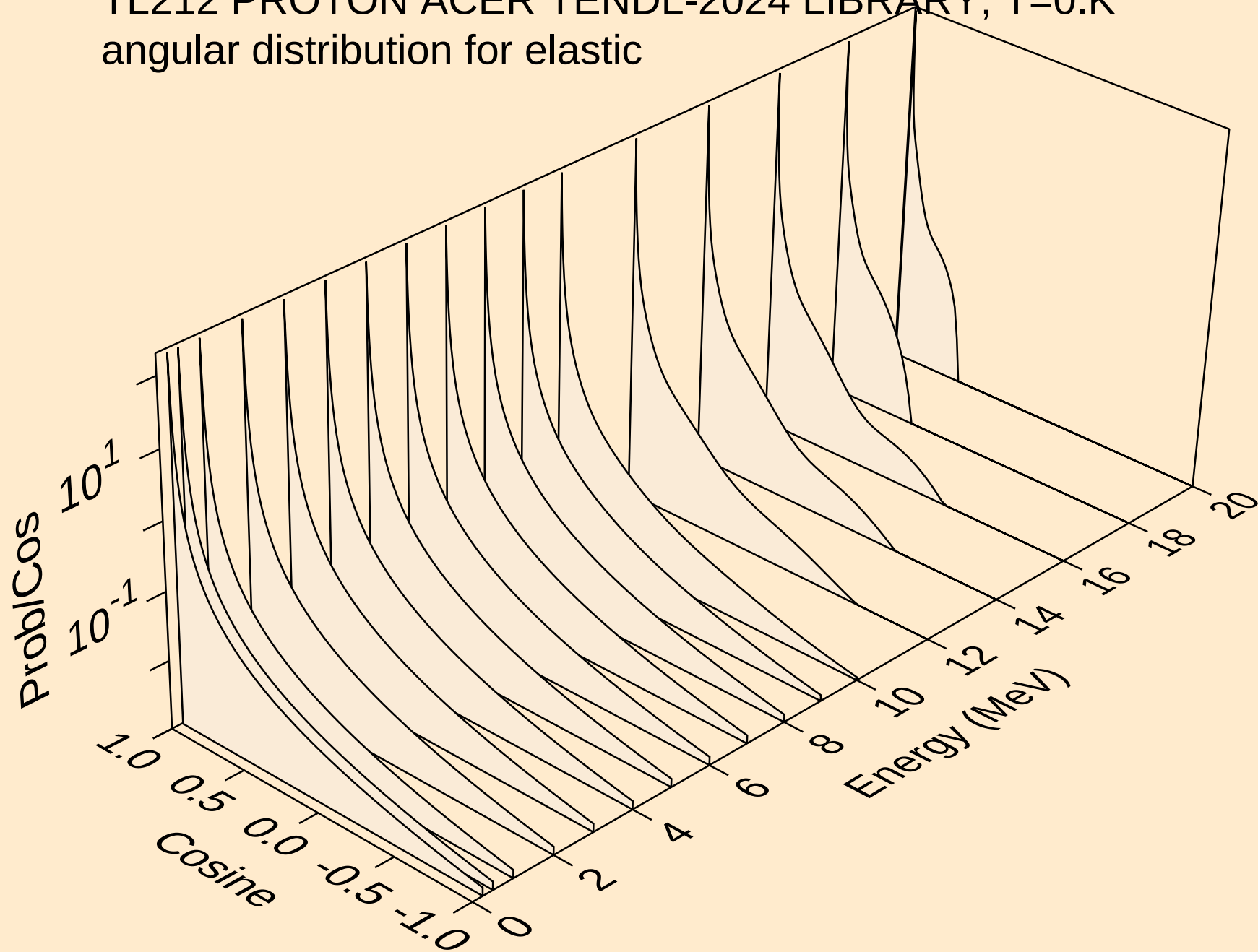
## Threshold reactions



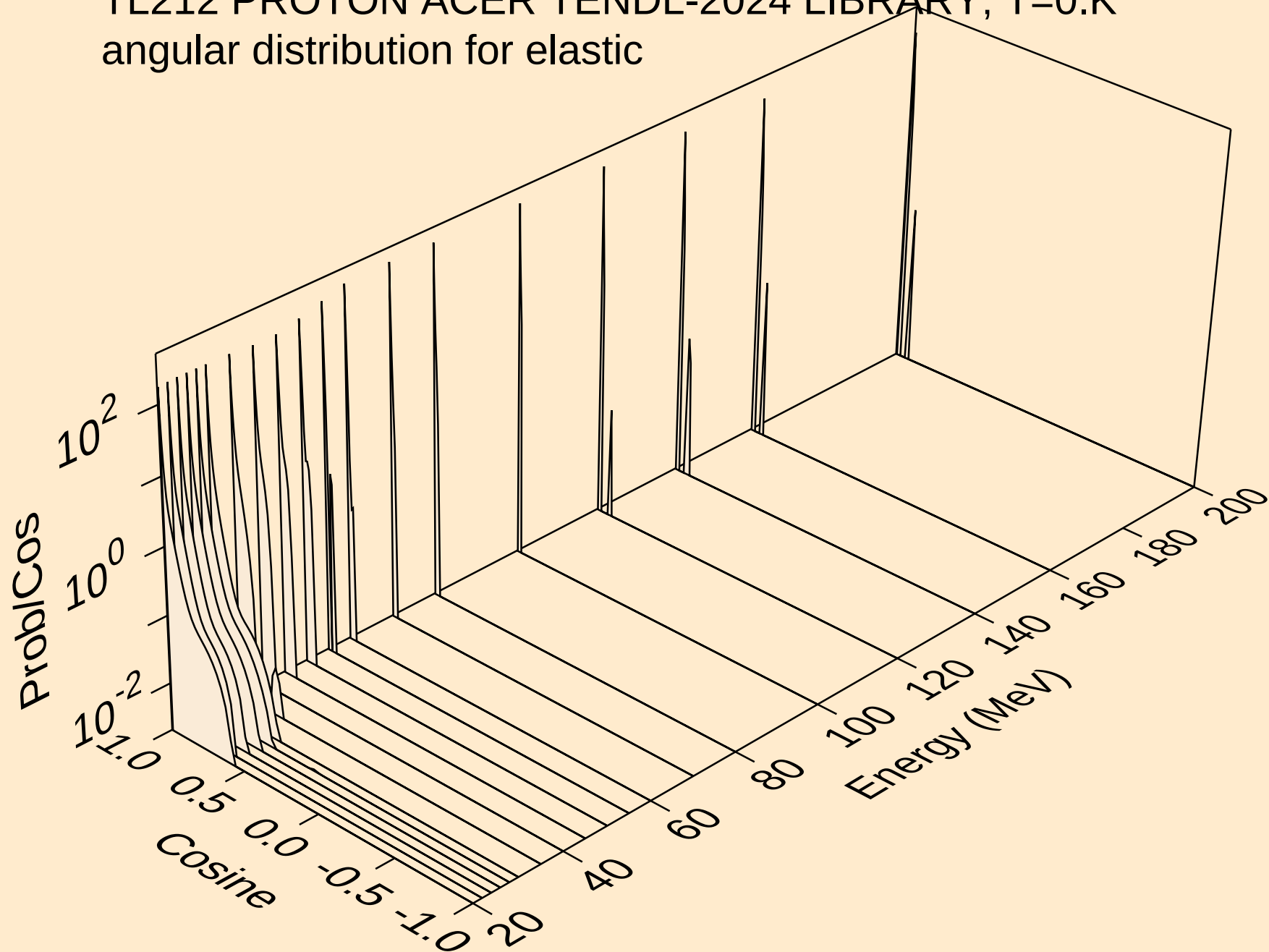
TL212 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



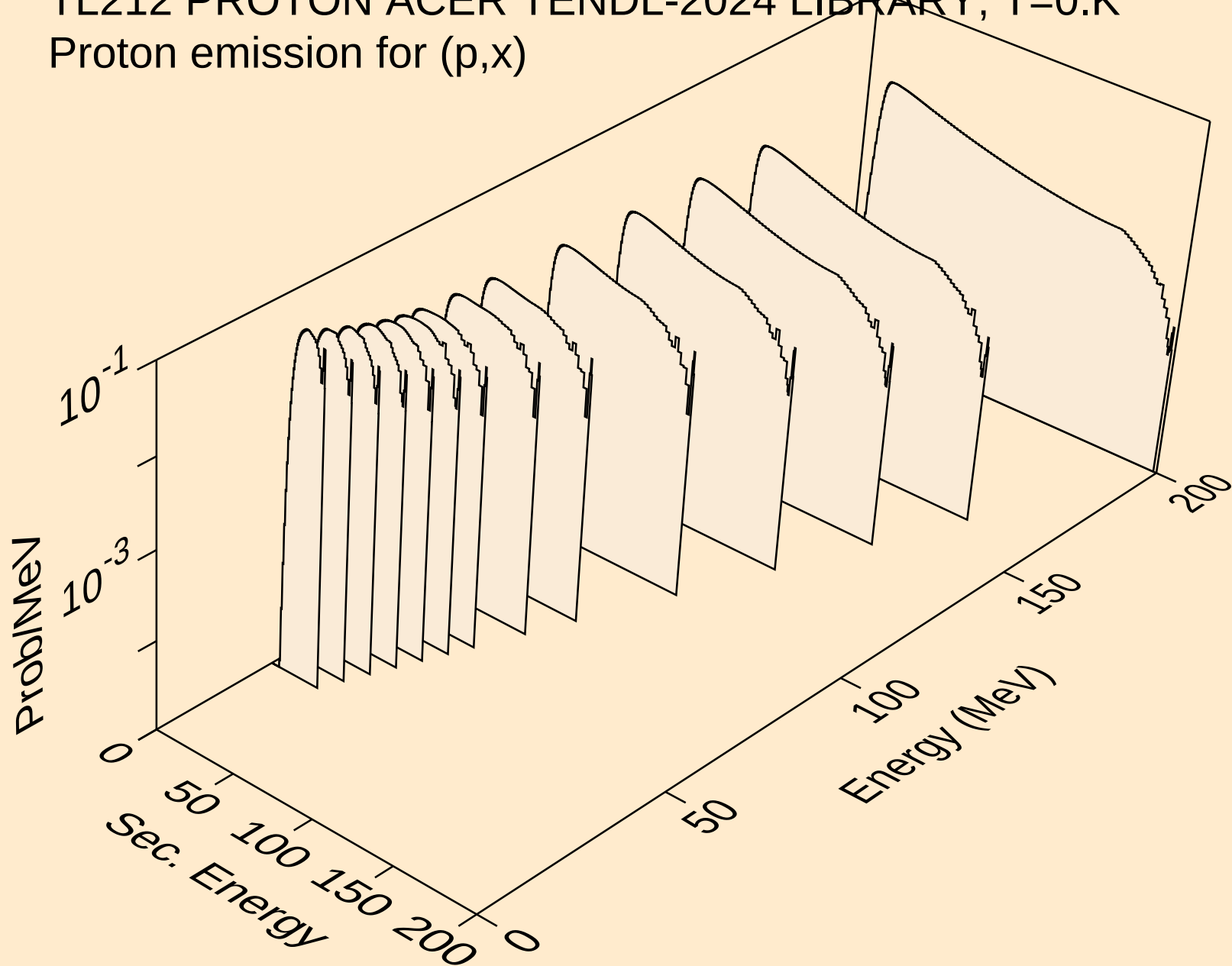
TL212 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



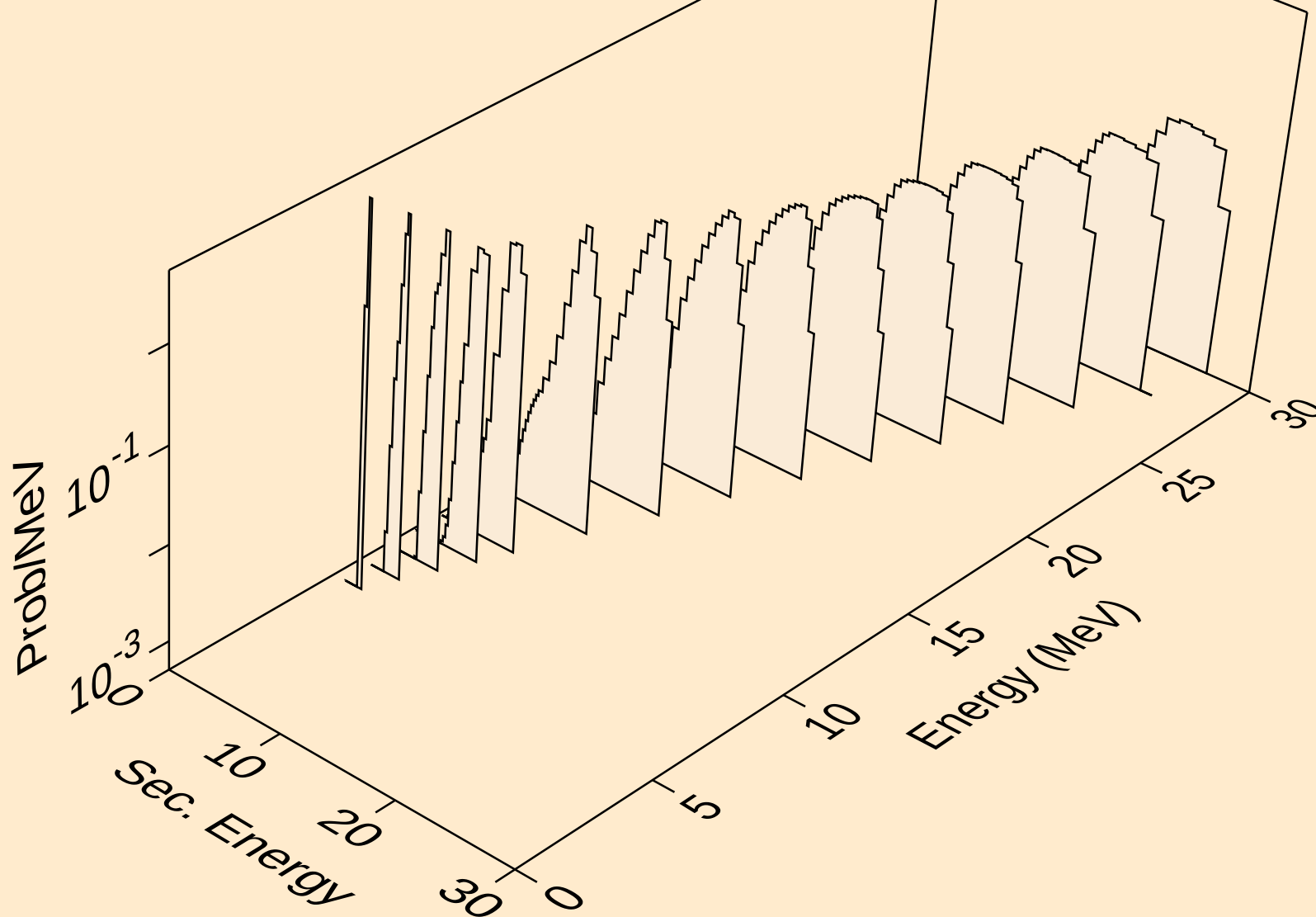
TL212 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



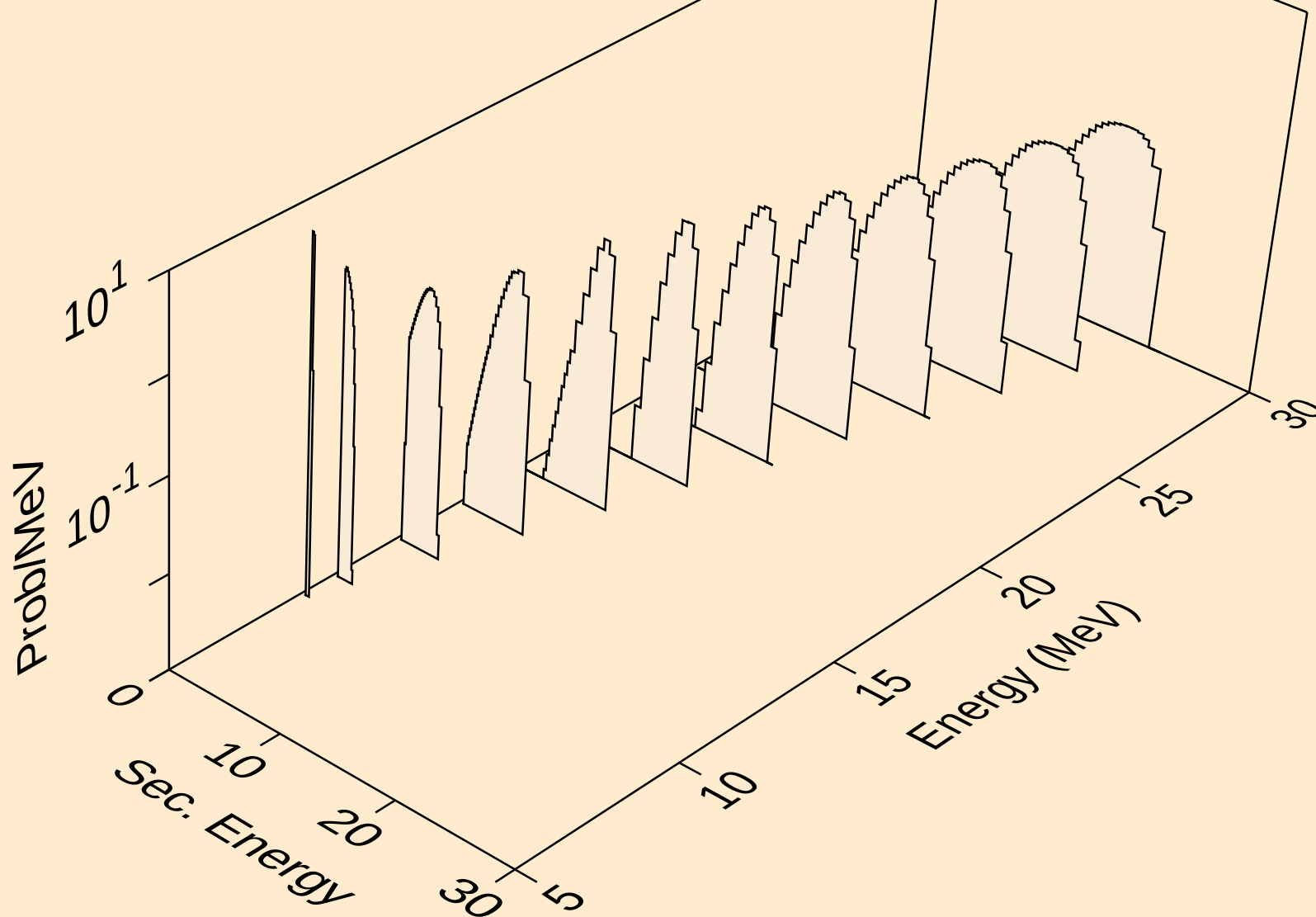
TL212 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,x)



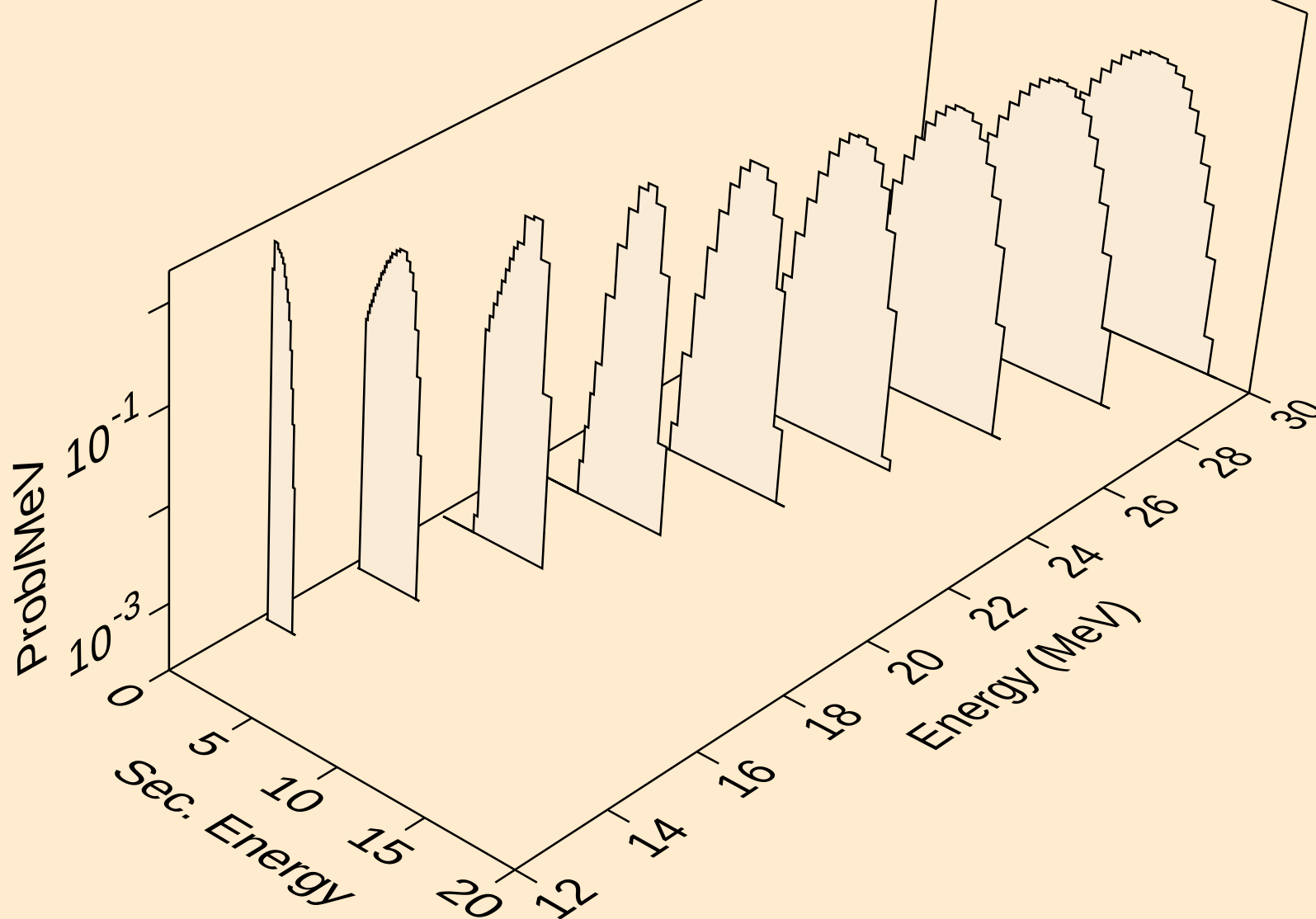
TL212 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,n\*)p



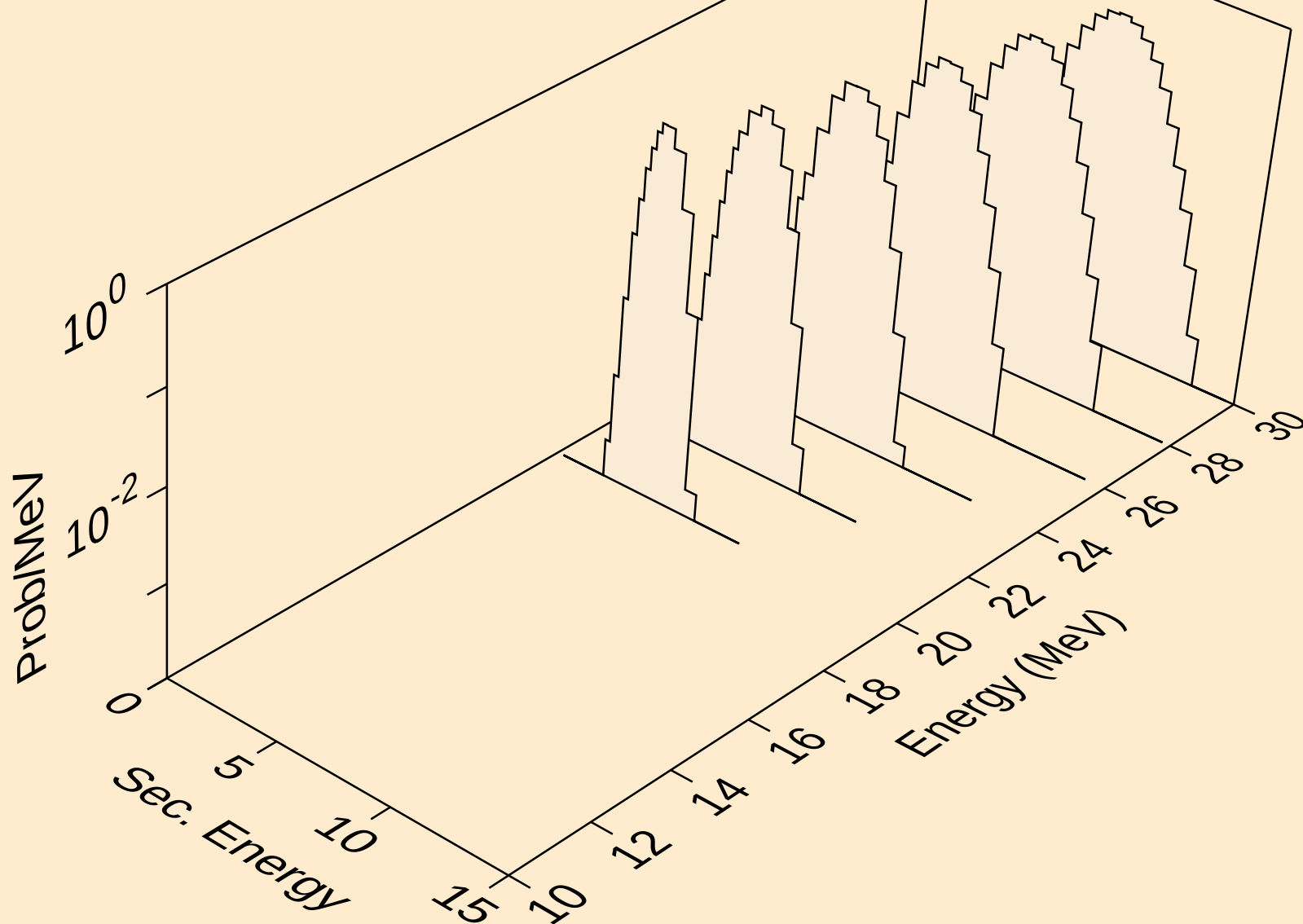
TL212 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,2np)



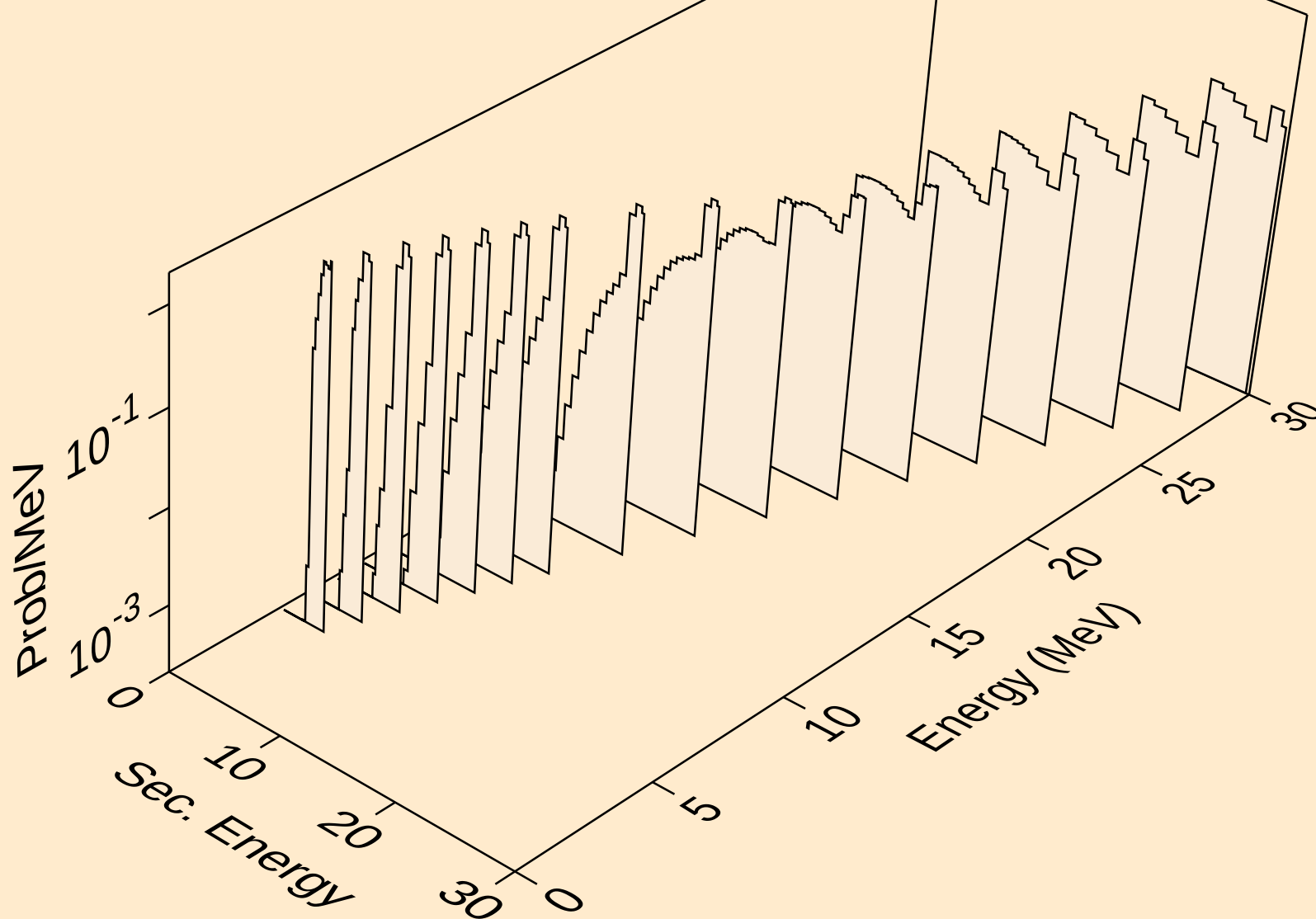
TL212 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,3np)



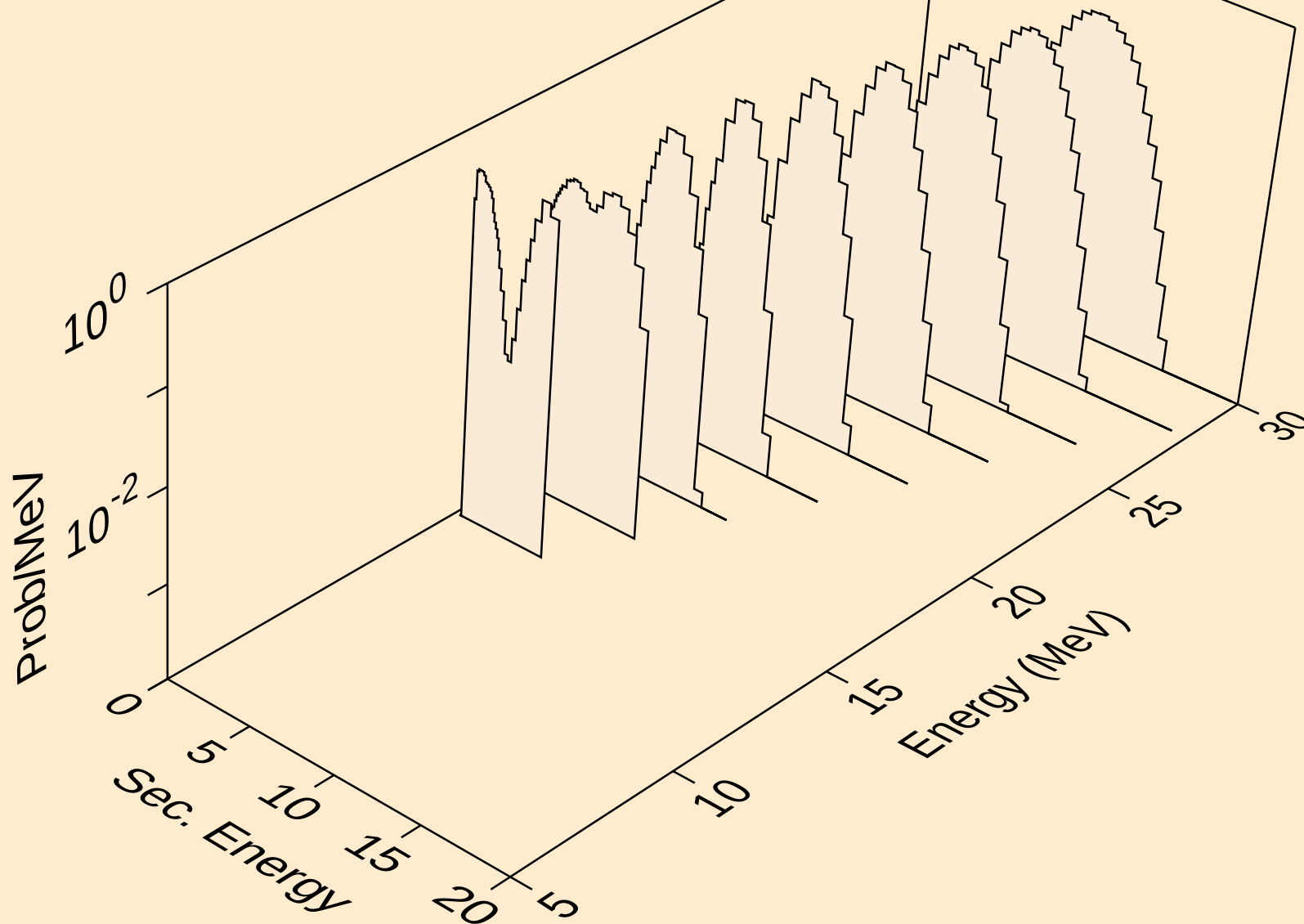
TL212 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,n2p)



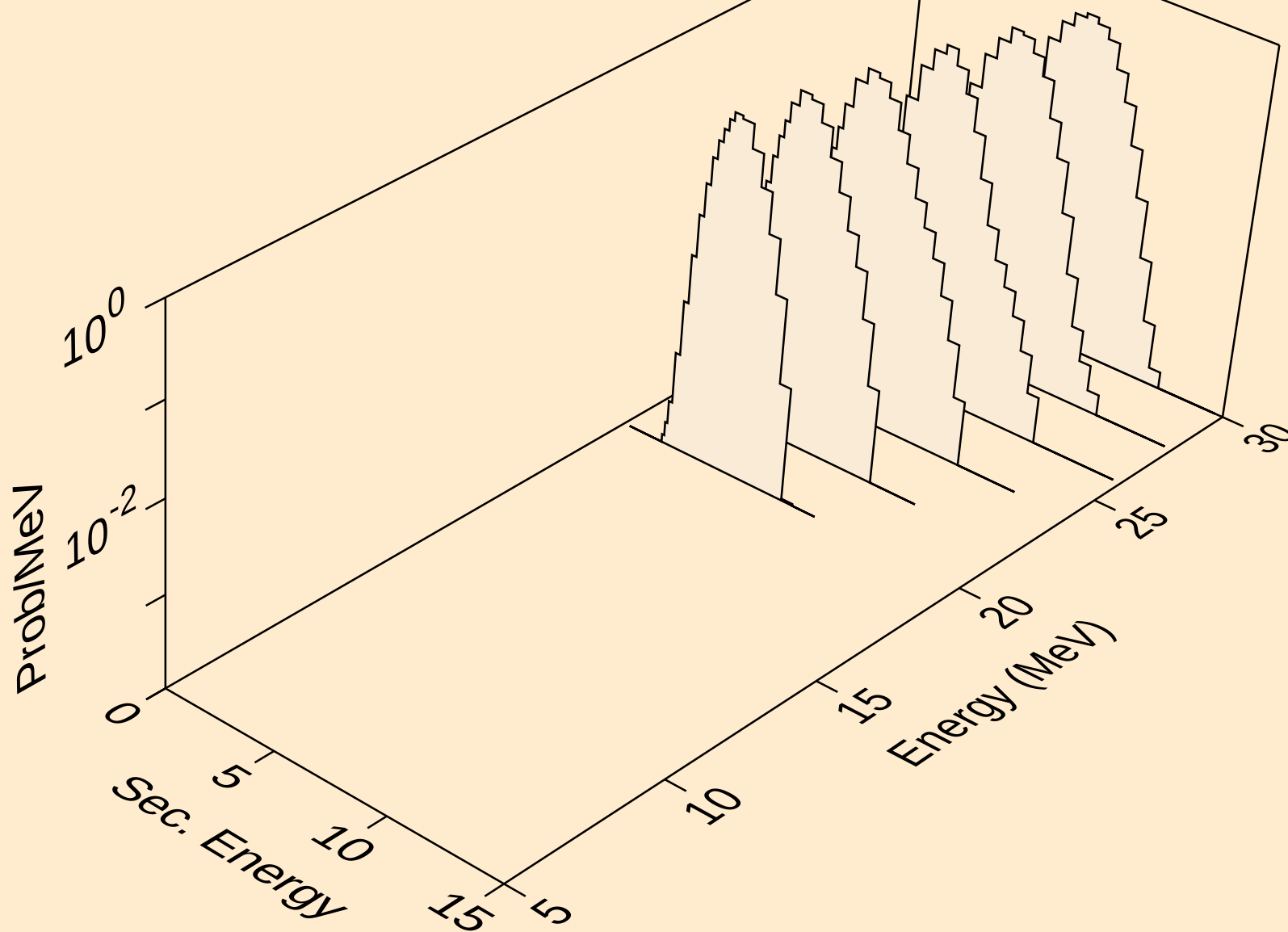
TL212 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for inelastic



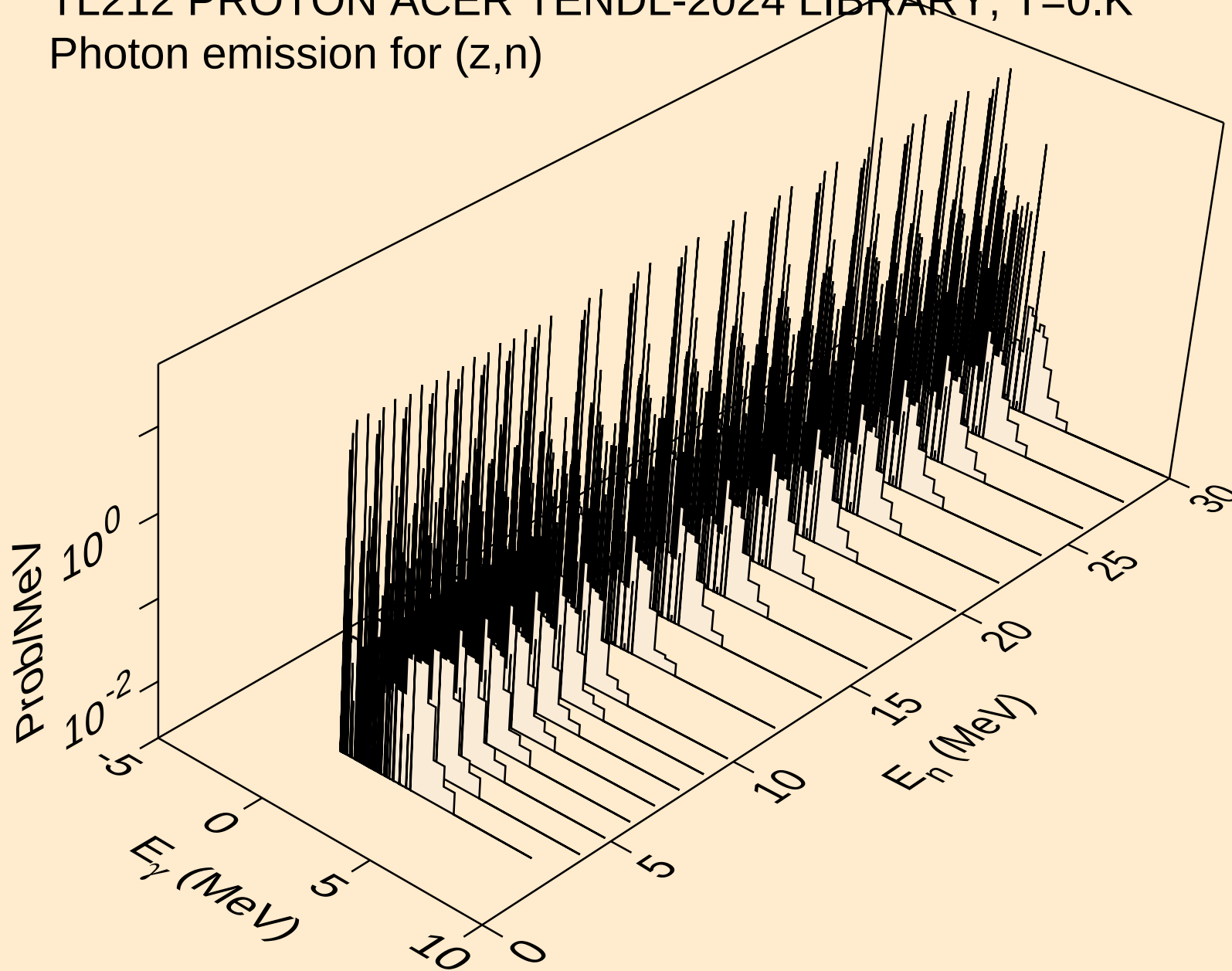
TL212 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,2p)



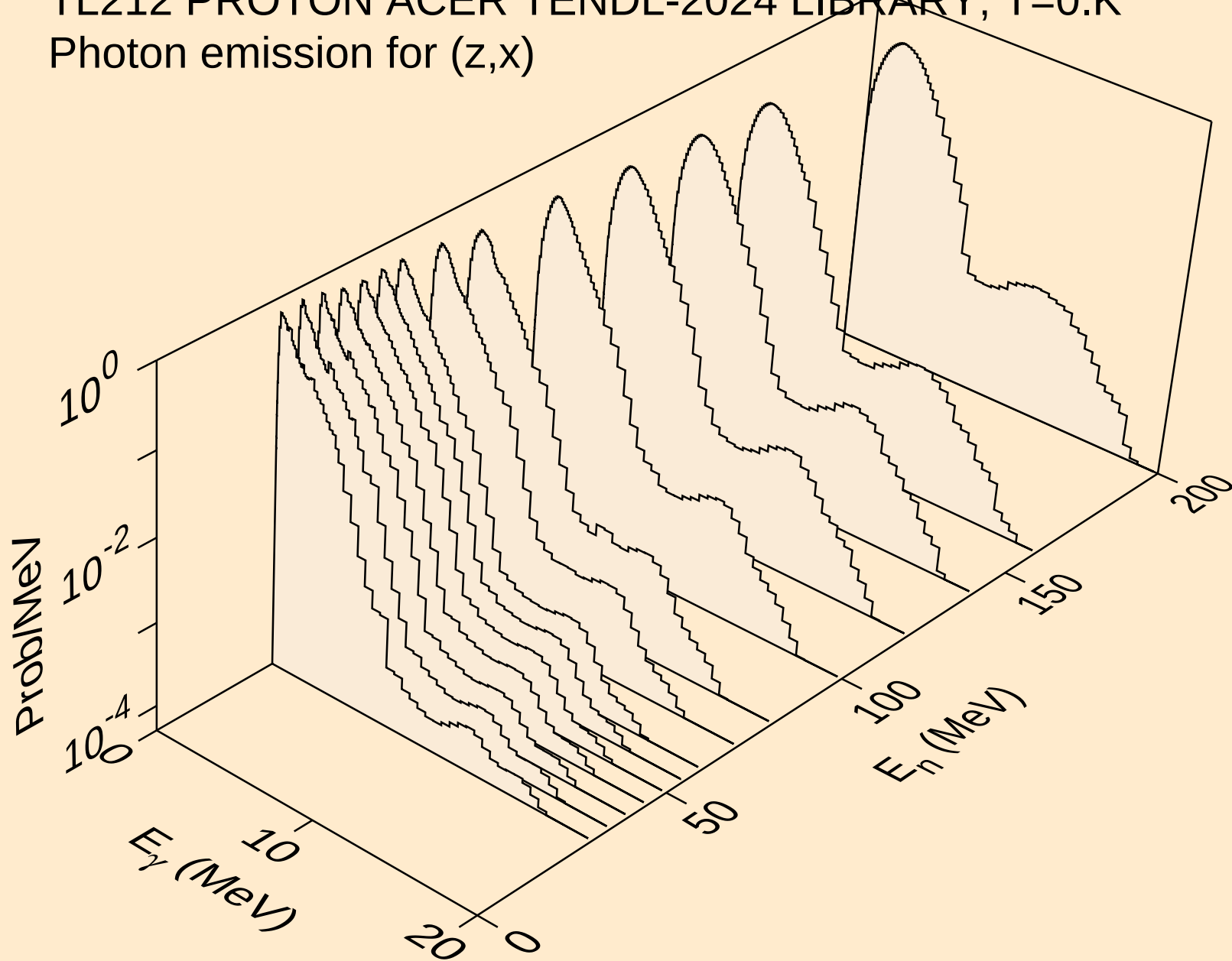
TL212 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,pd)



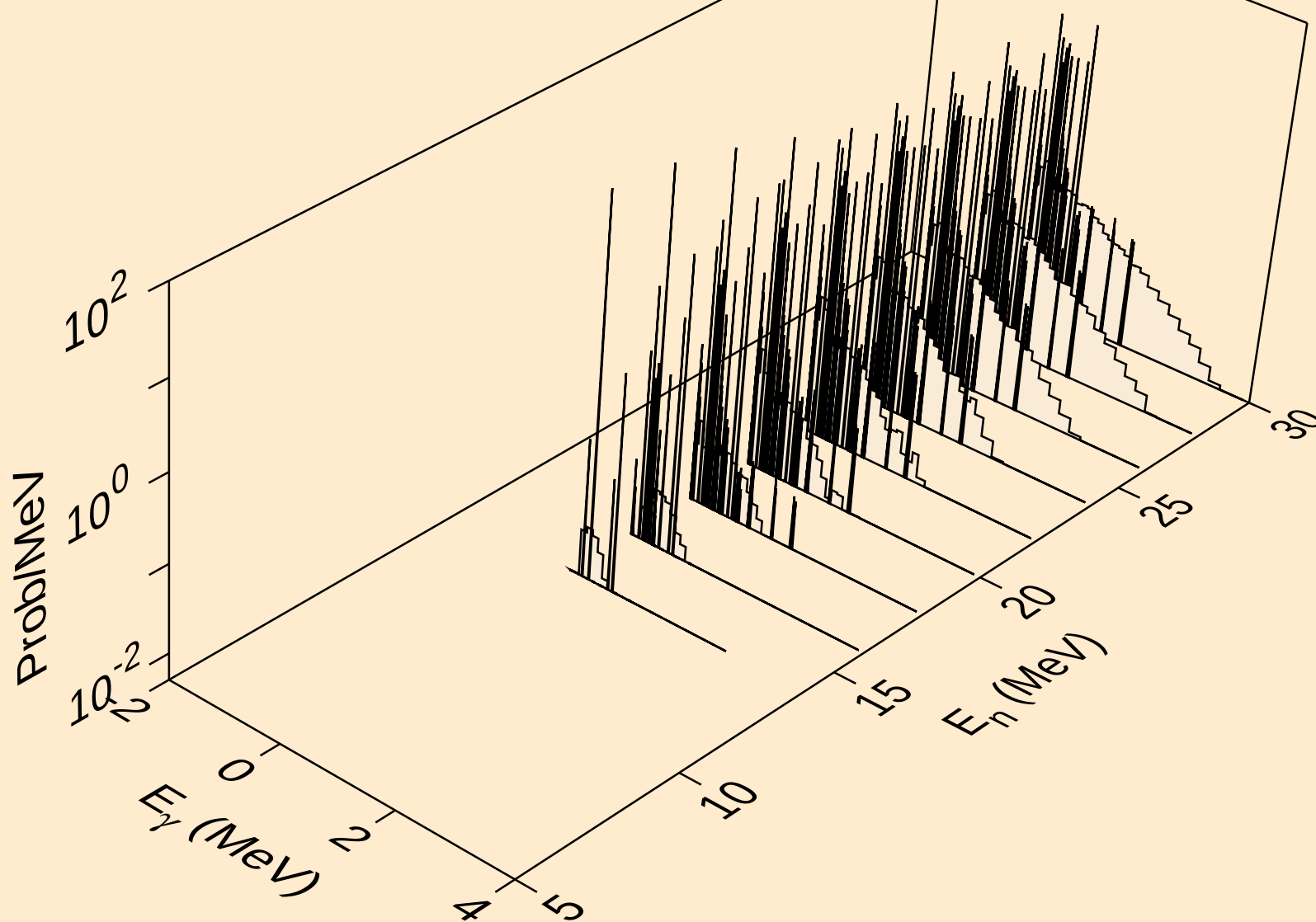
TL212 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (z,n)



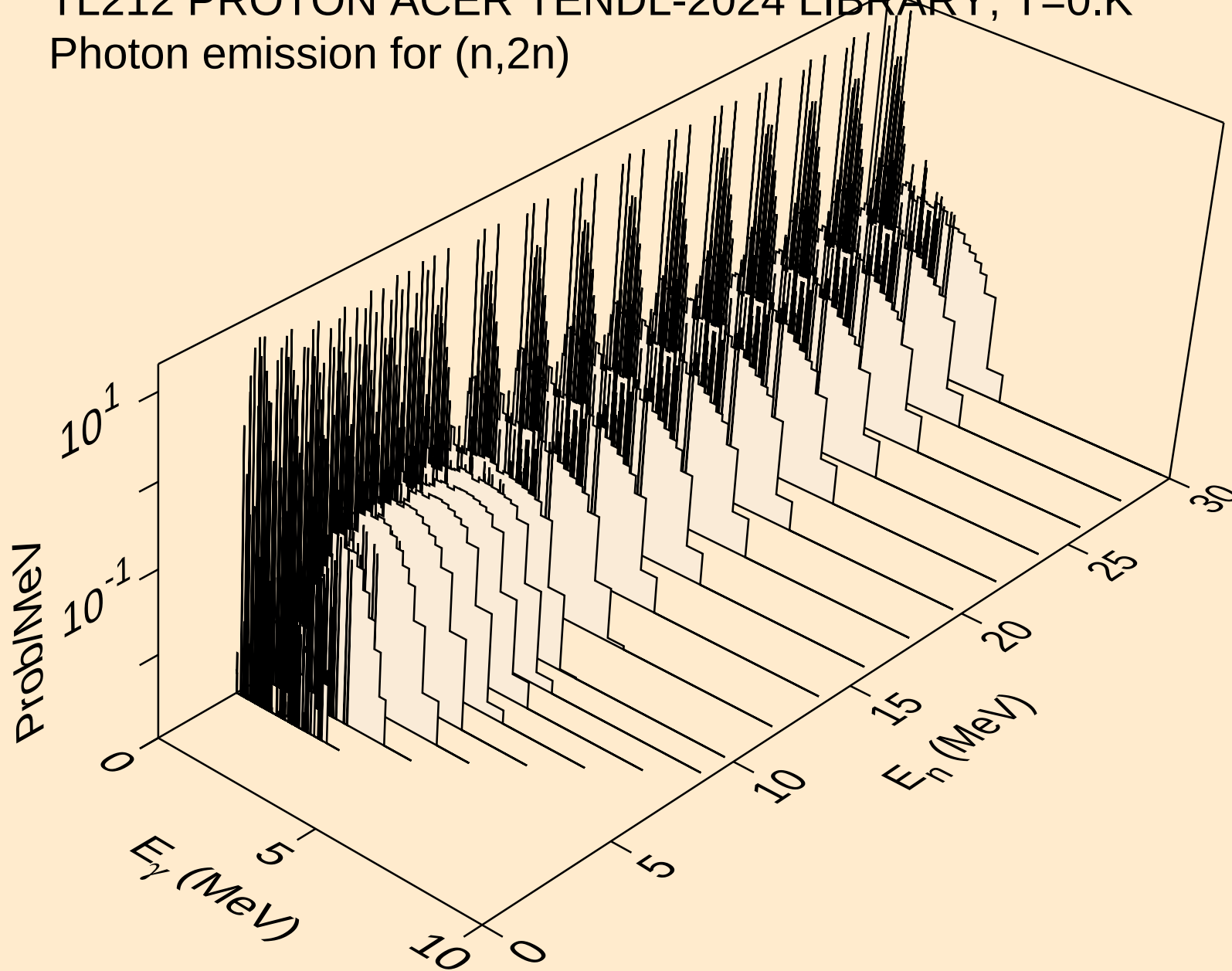
TL212 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (z,x)



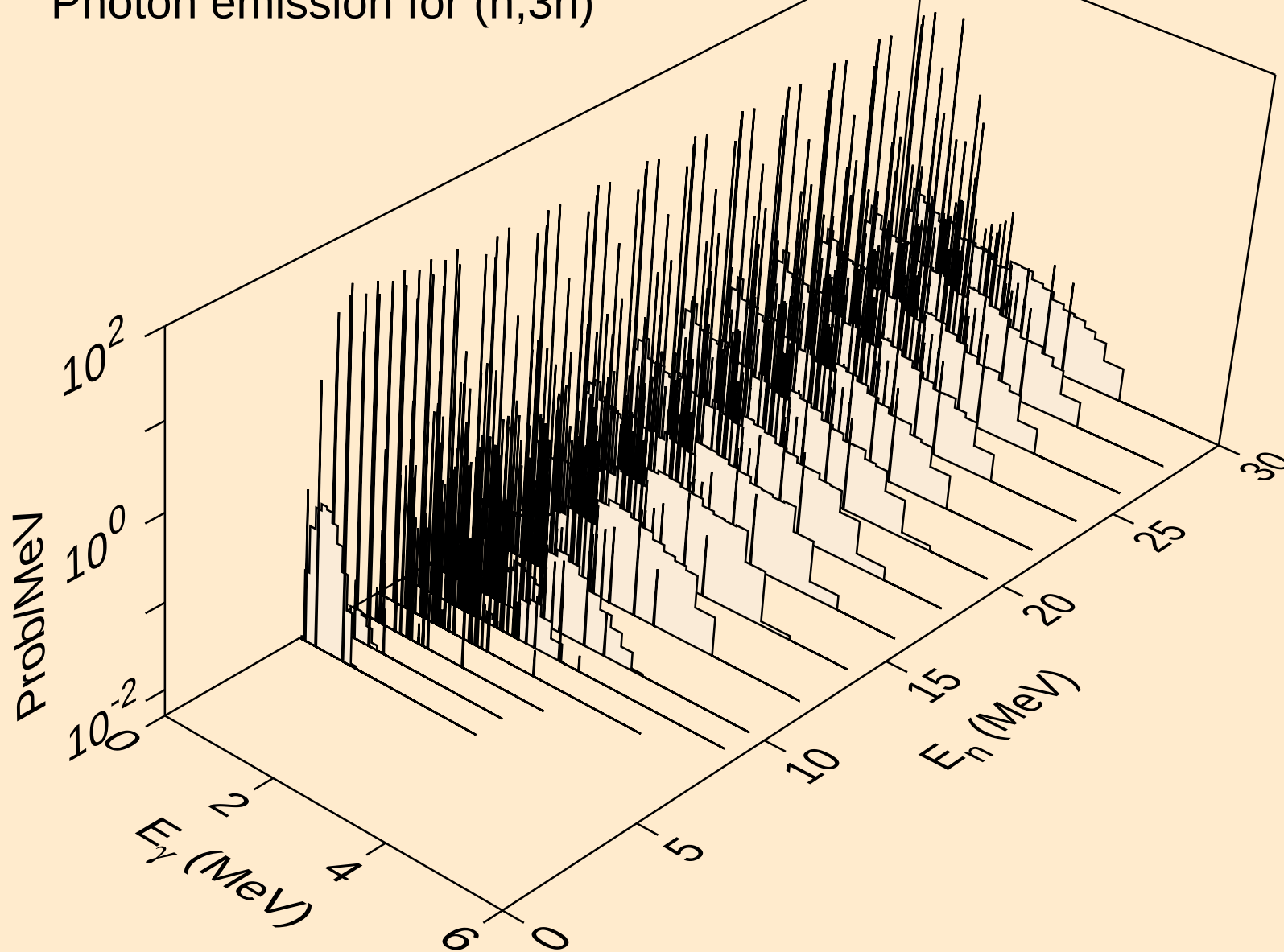
TL212 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)



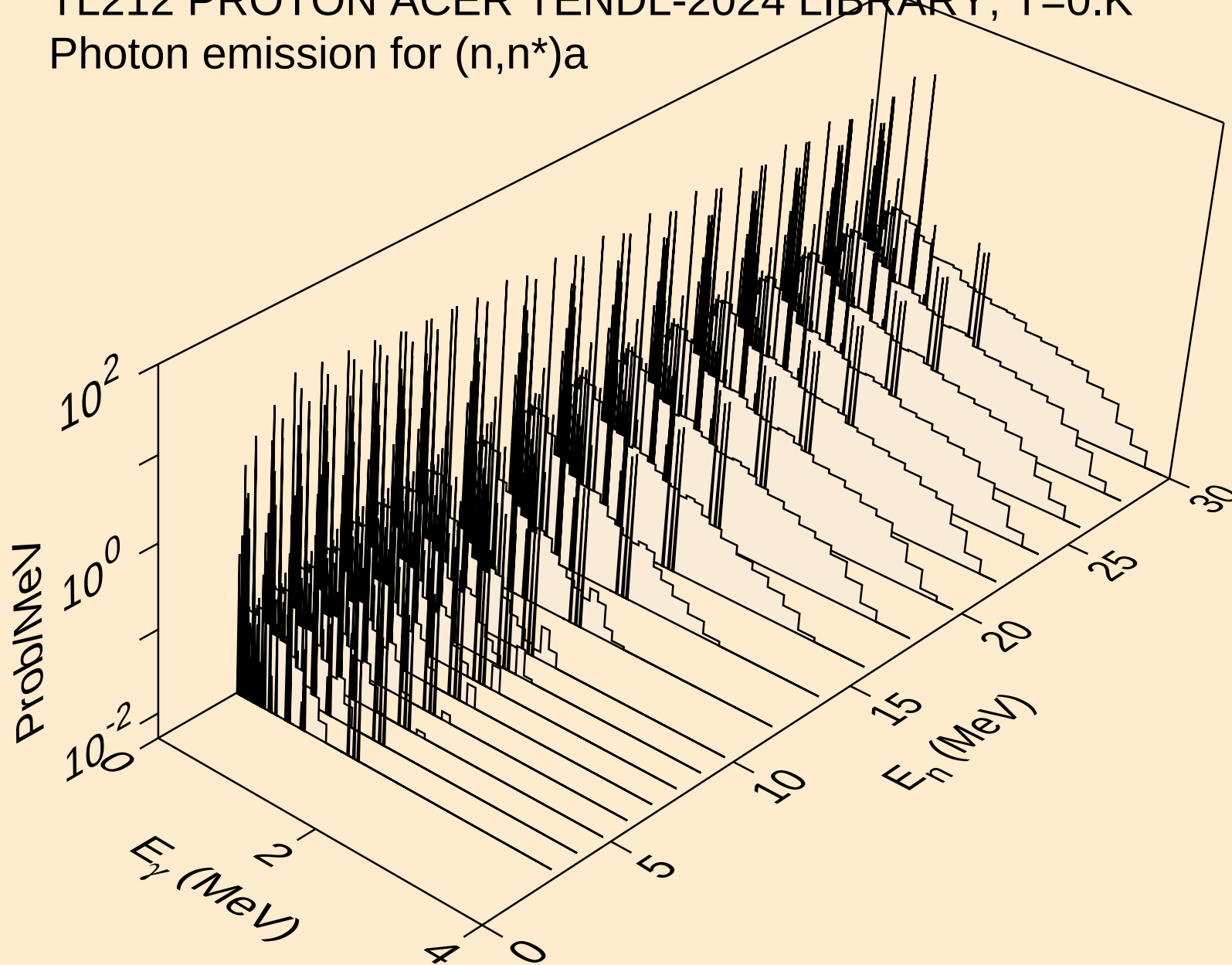
TL212 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)



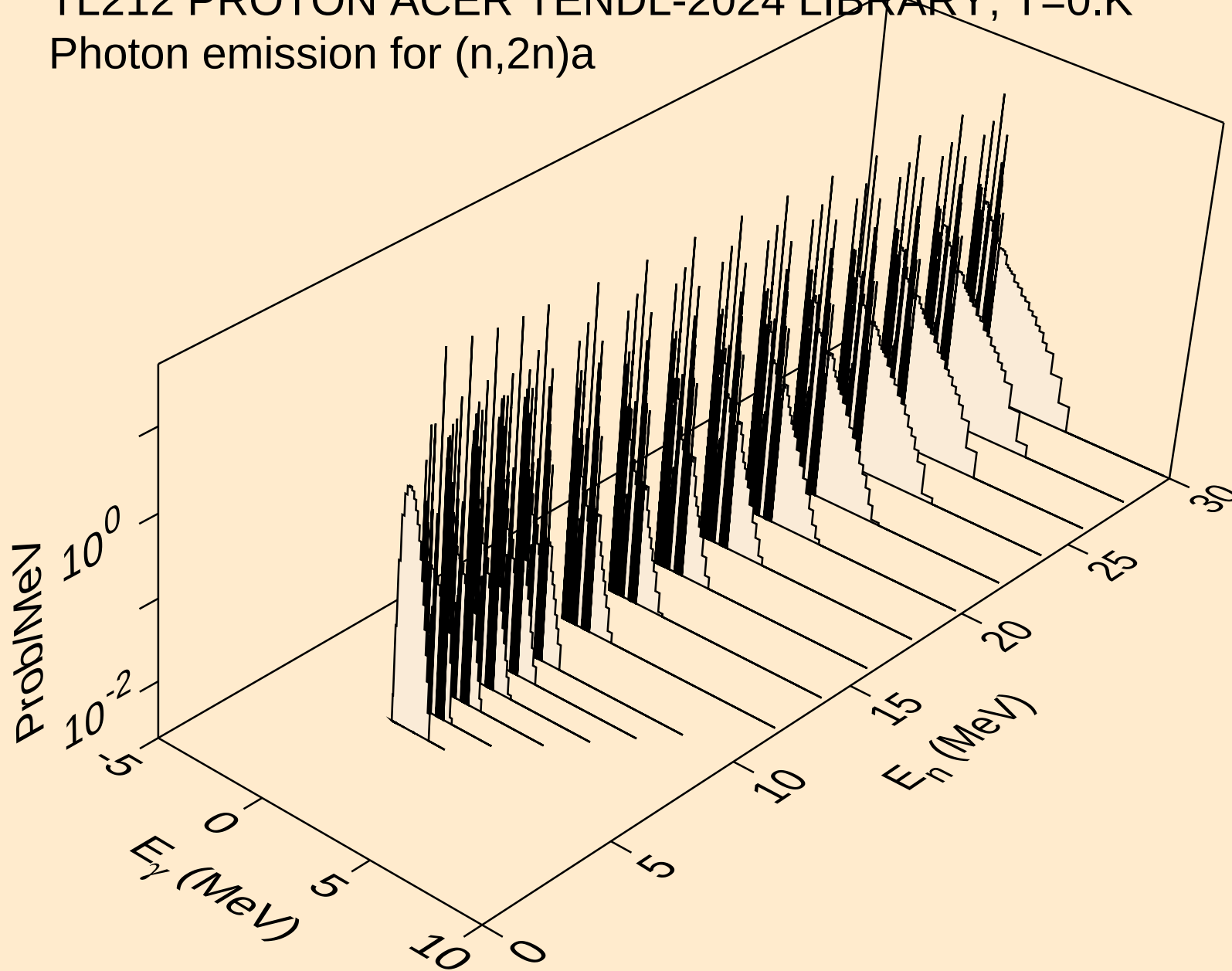
TL212 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)



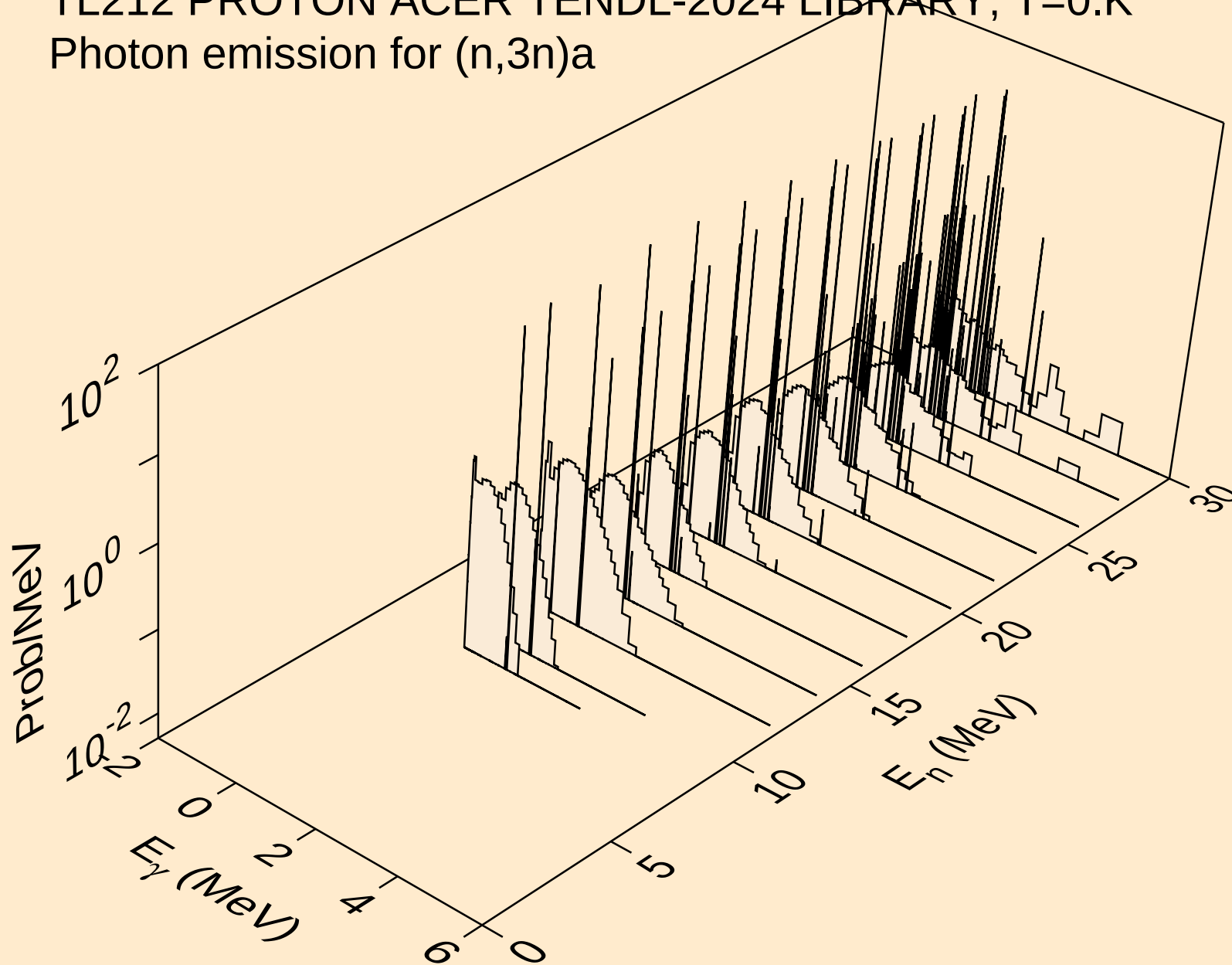
TL212 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



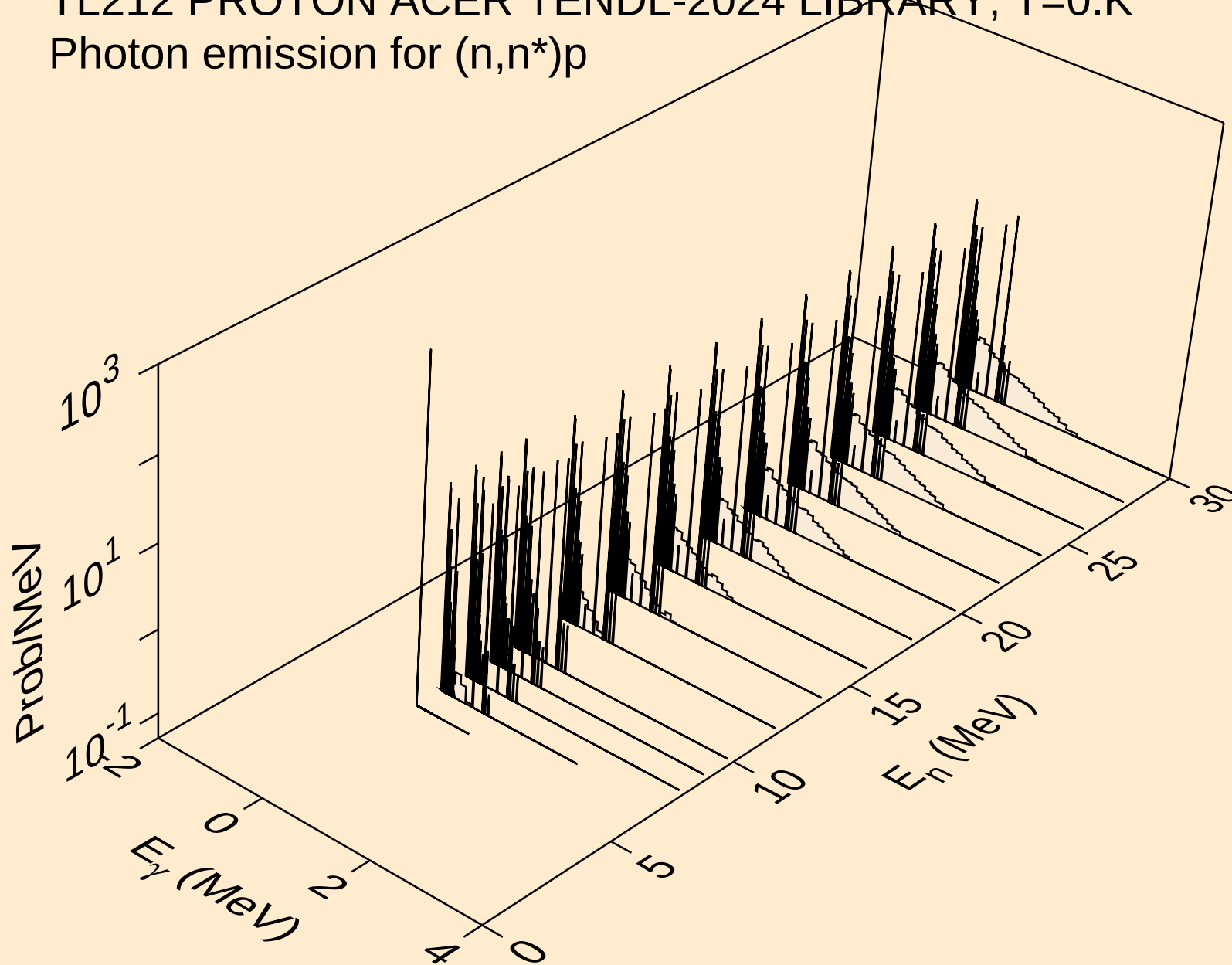
TL212 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a



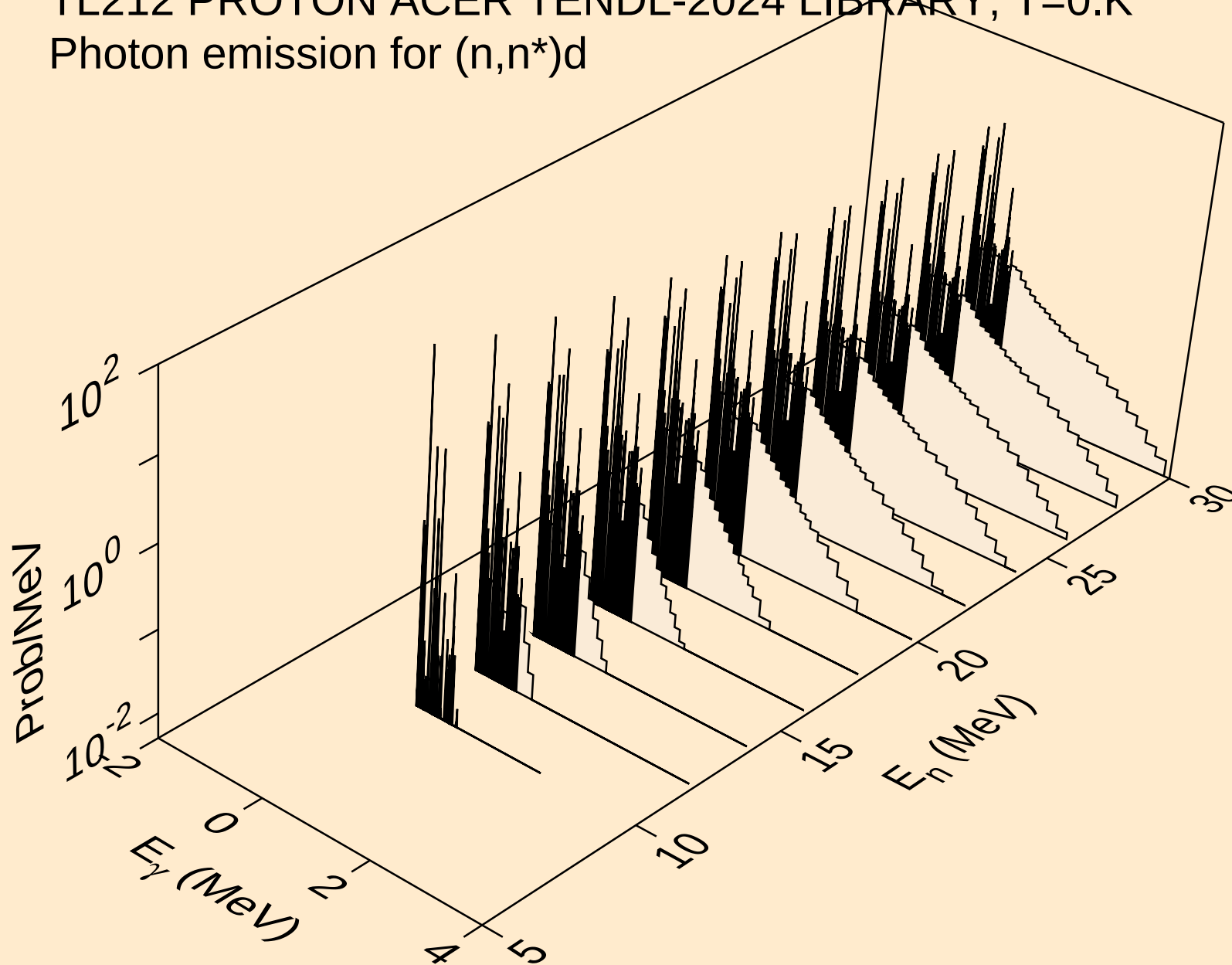
TL212 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)a



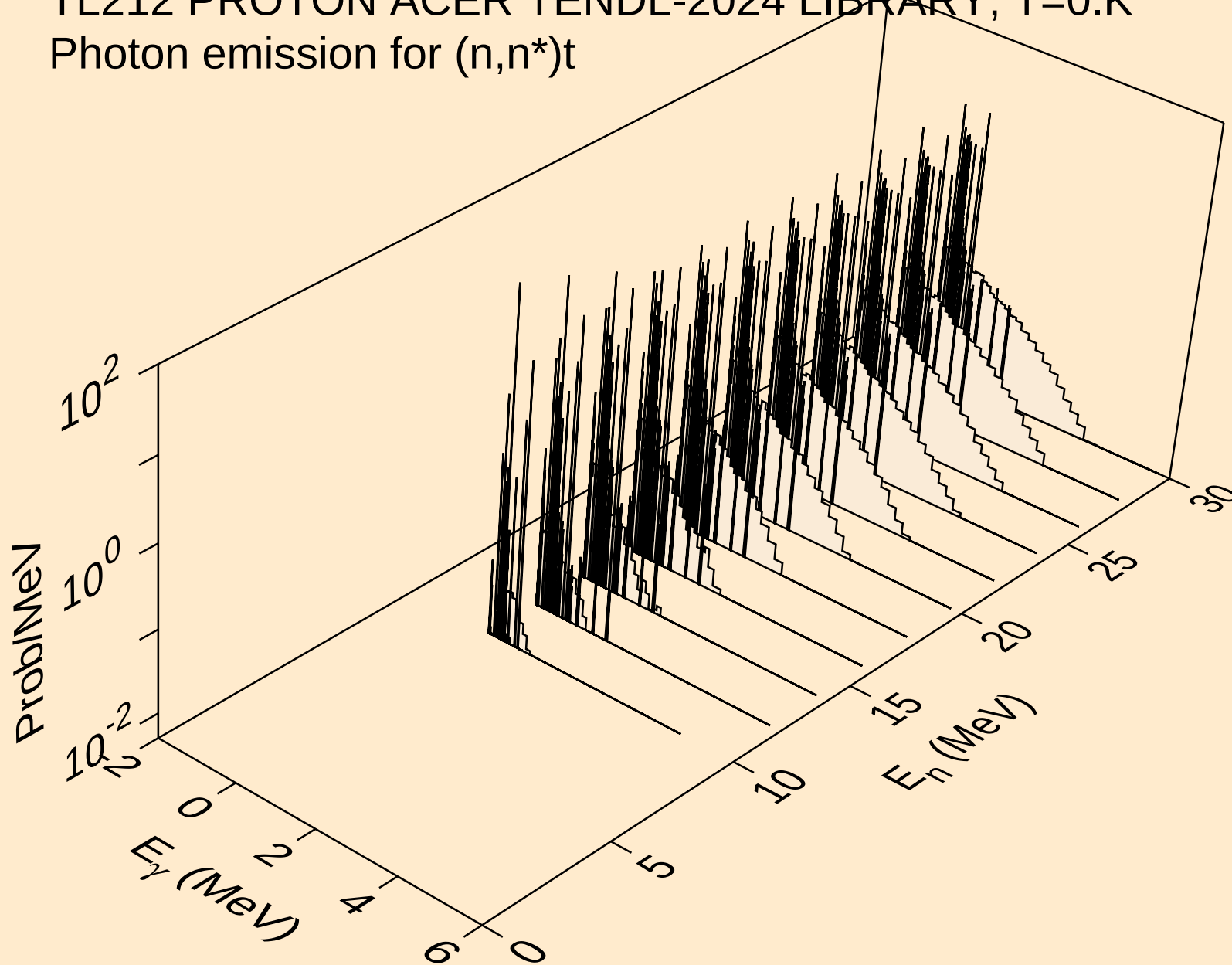
TL212 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



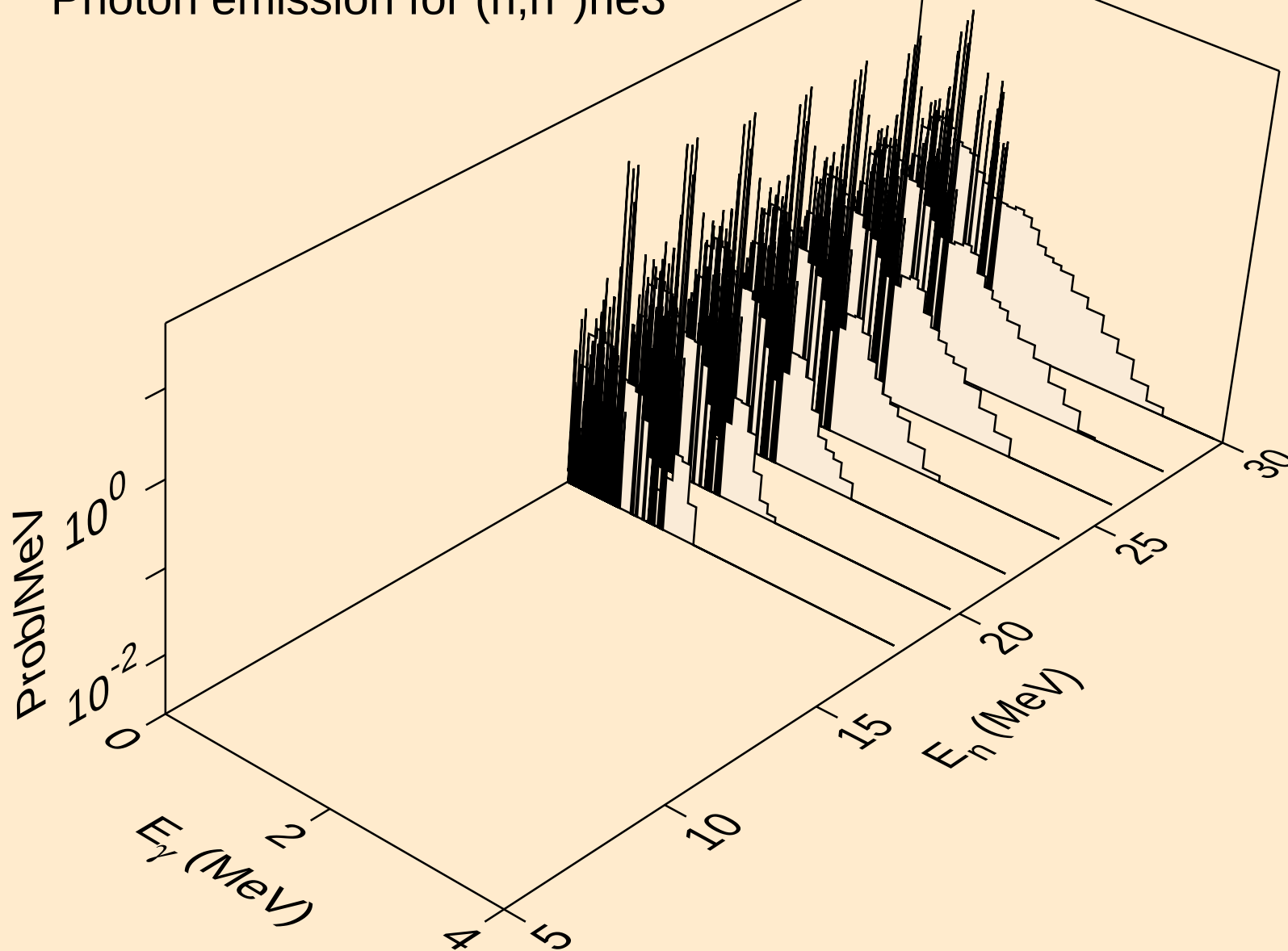
TL212 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



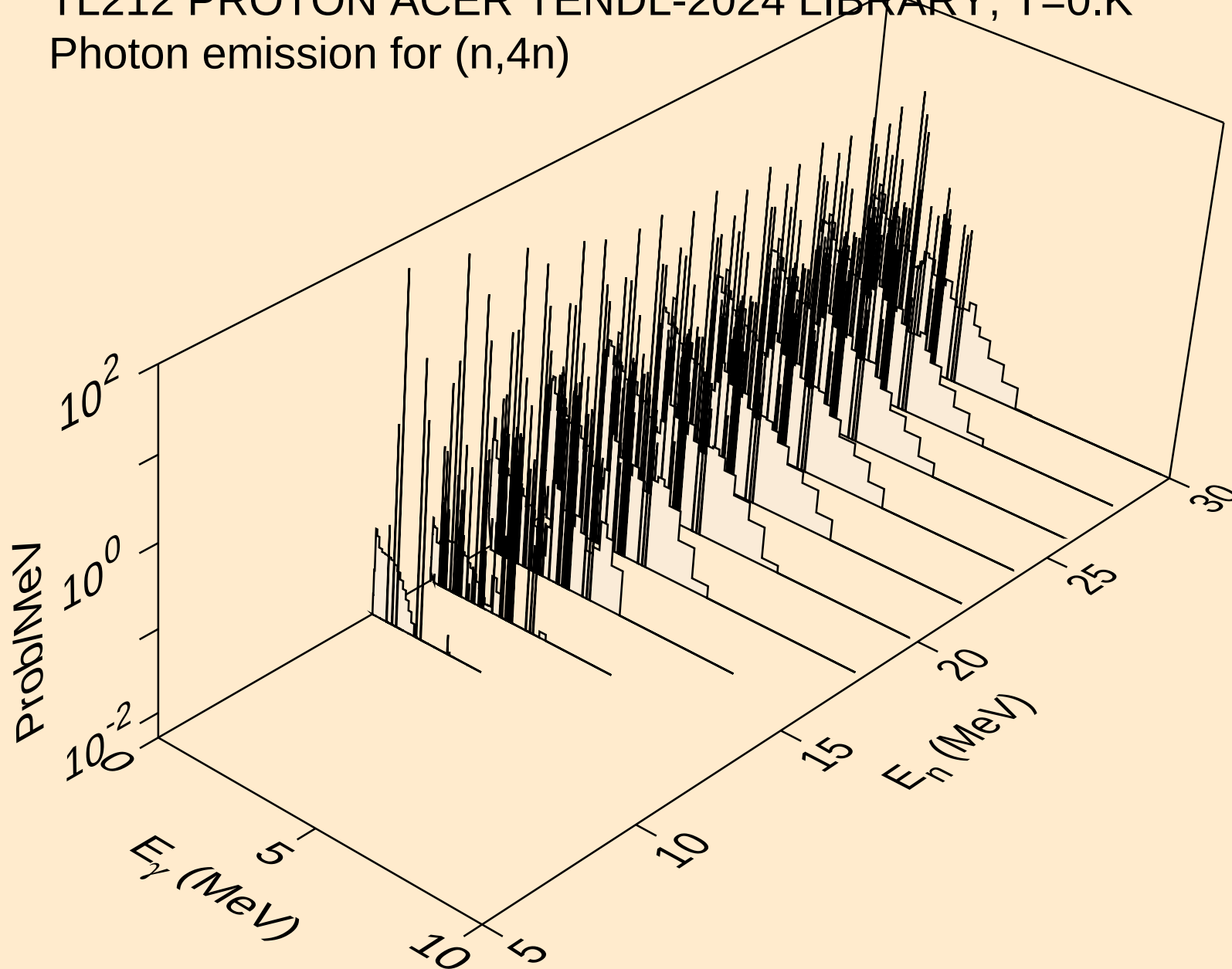
TL212 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



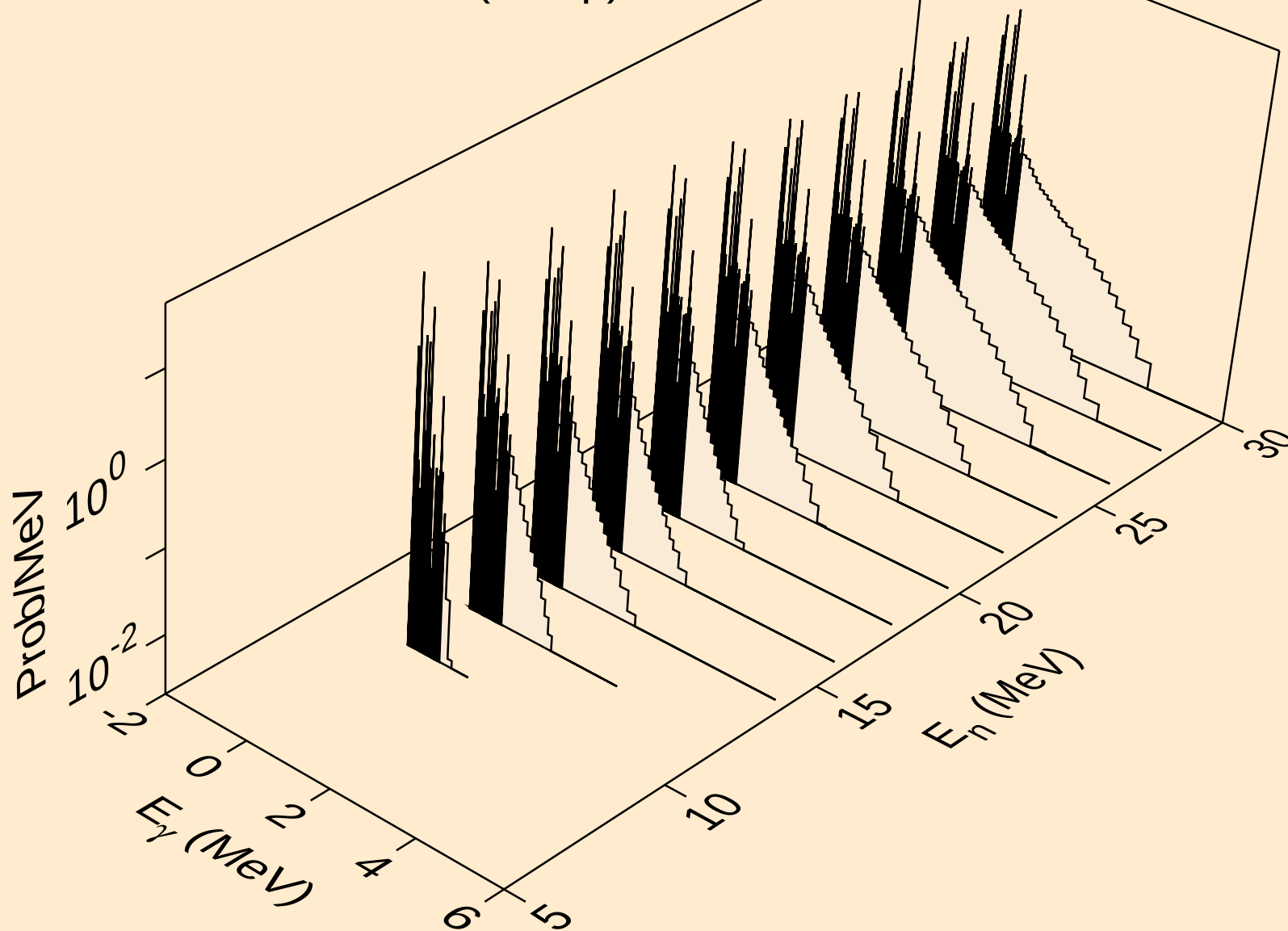
TL212 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



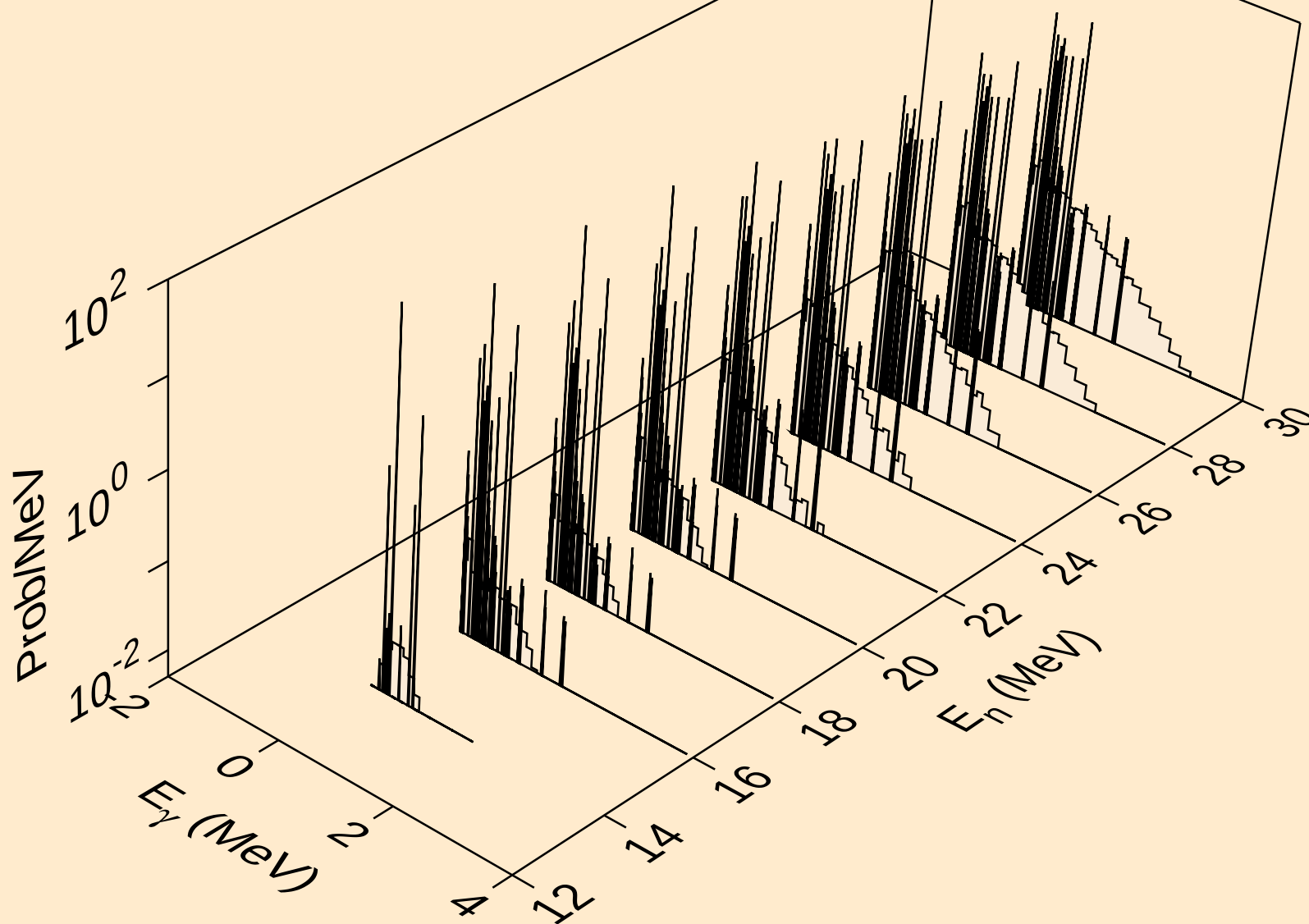
TL212 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,4n)



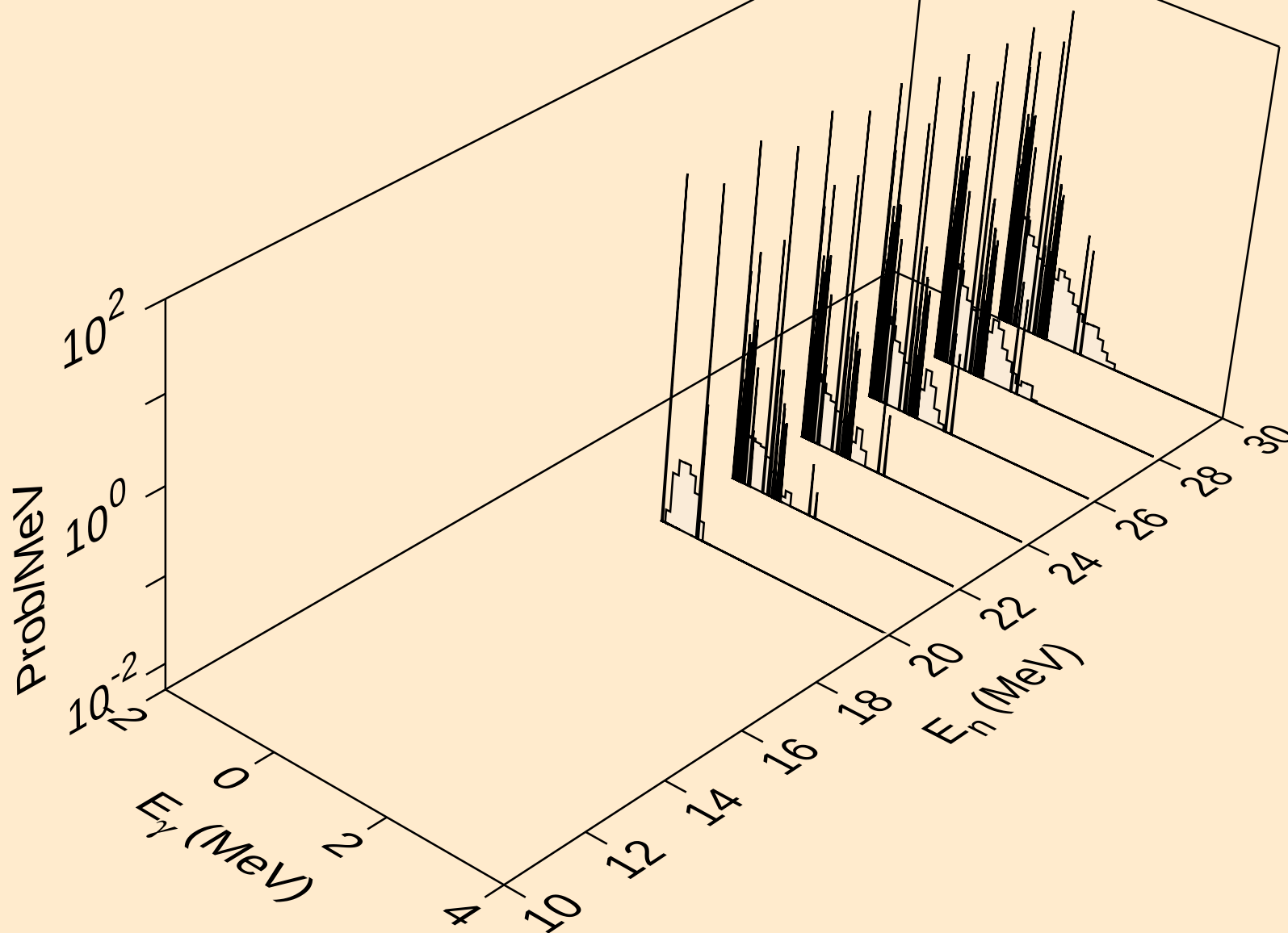
TL212 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)



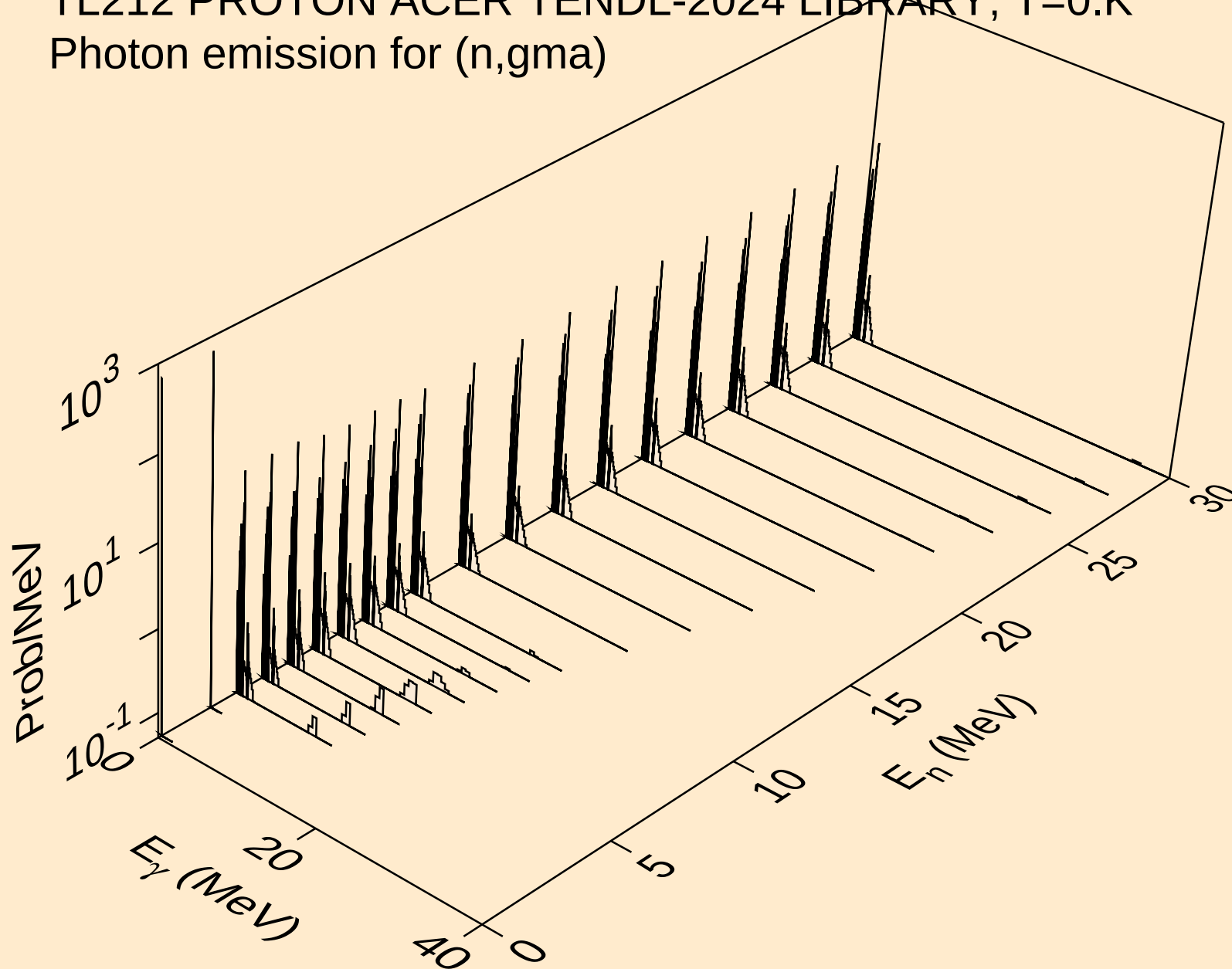
TL212 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3np)



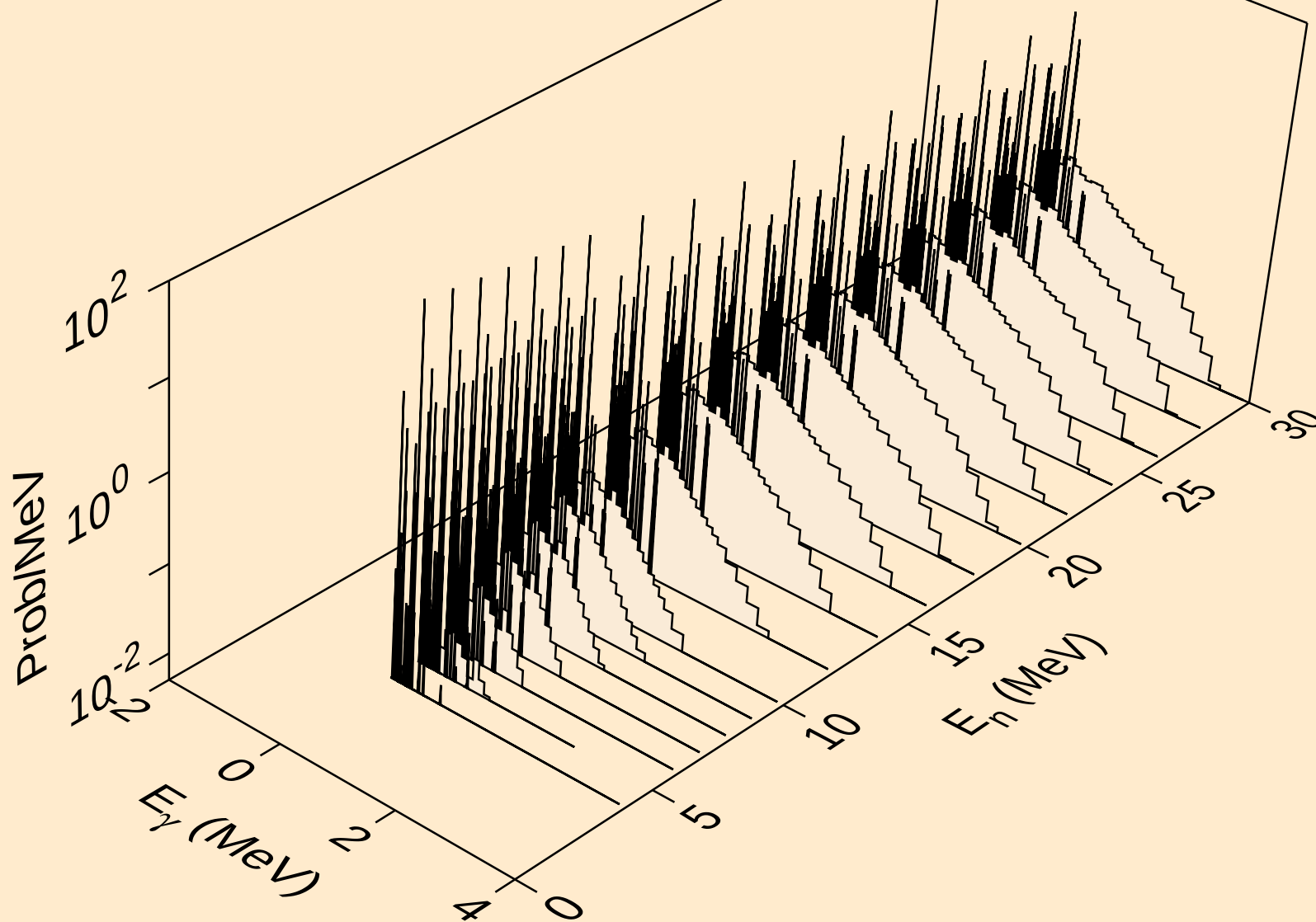
TL212 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n2p)



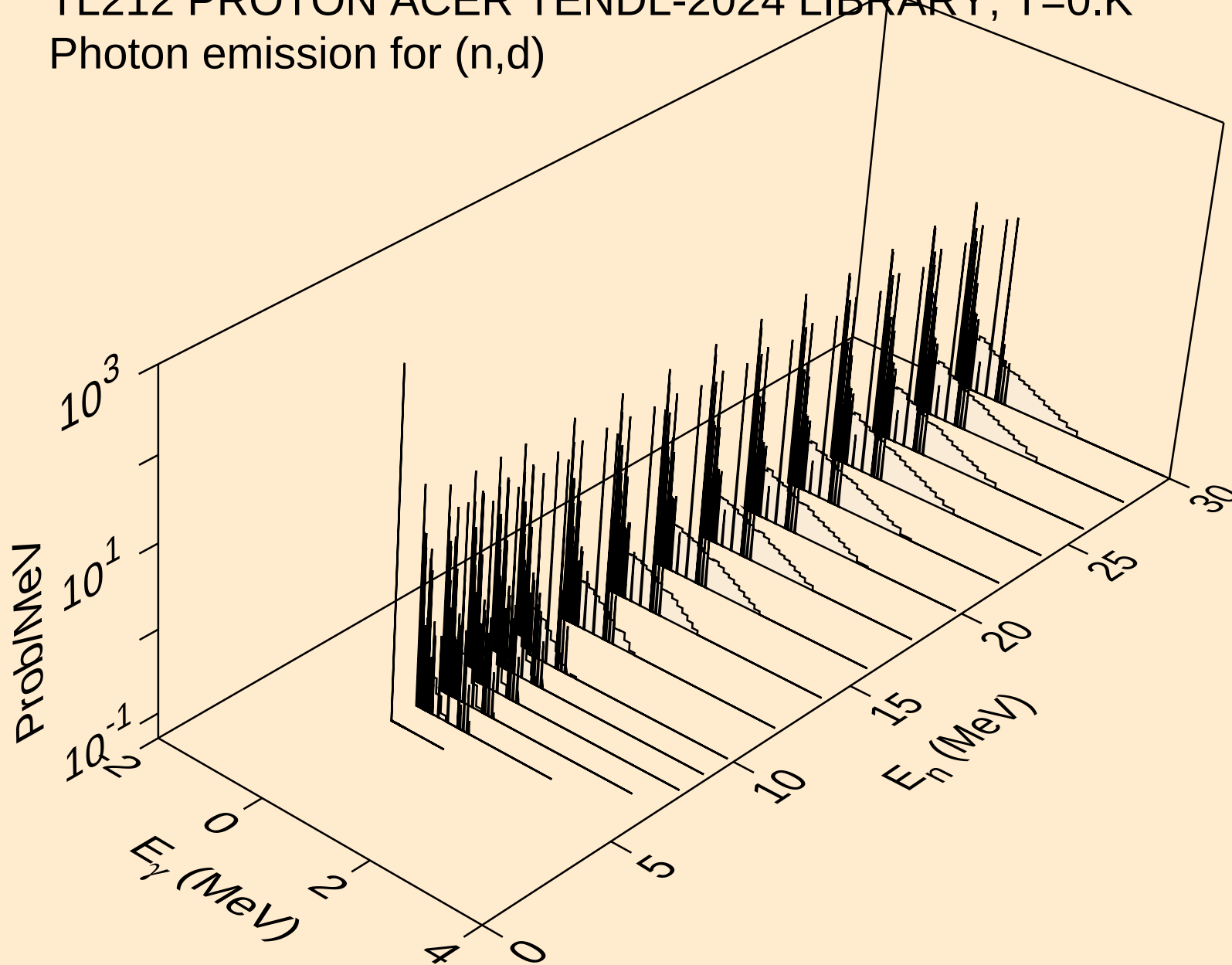
TL212 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)



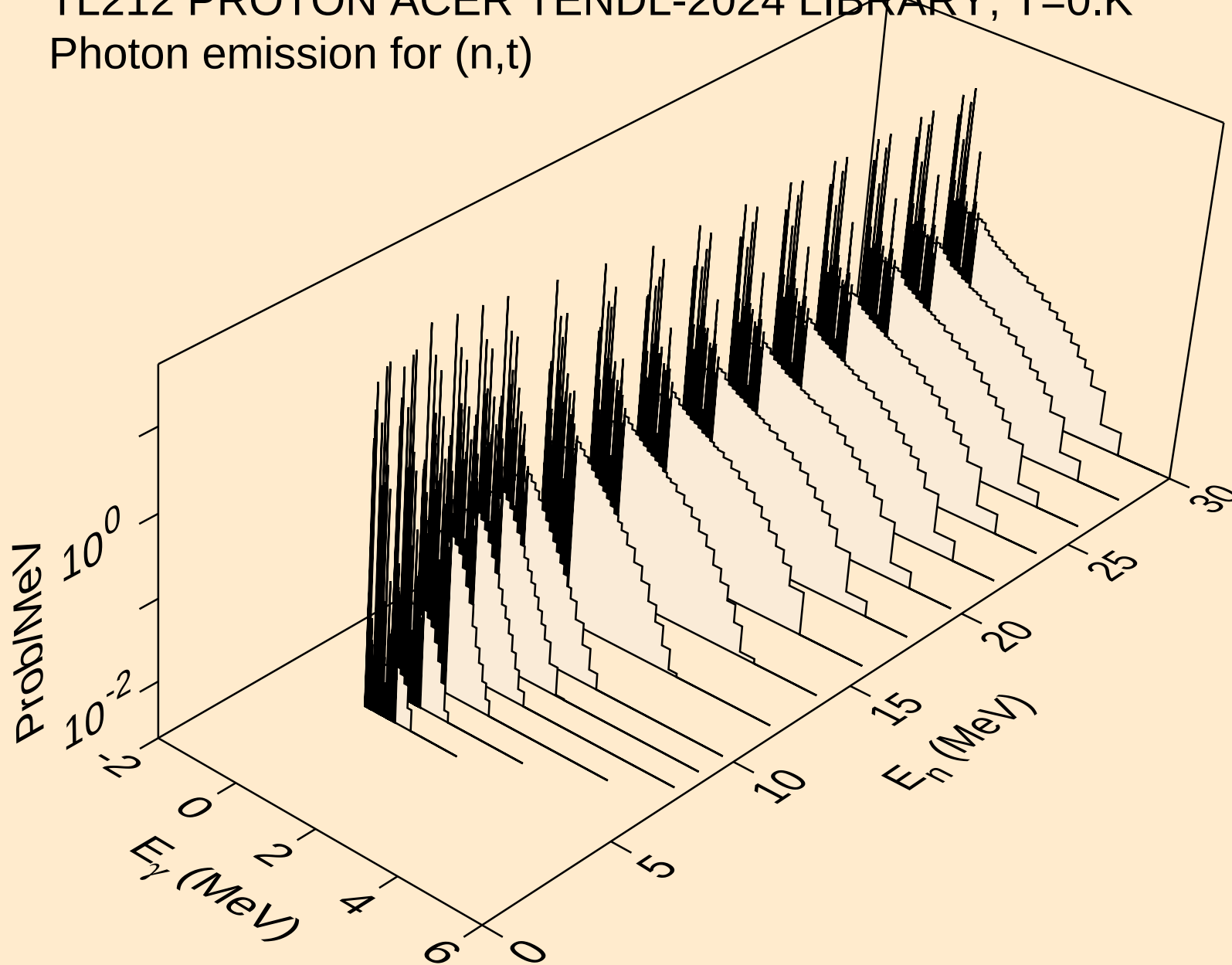
TL212 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for inelastic



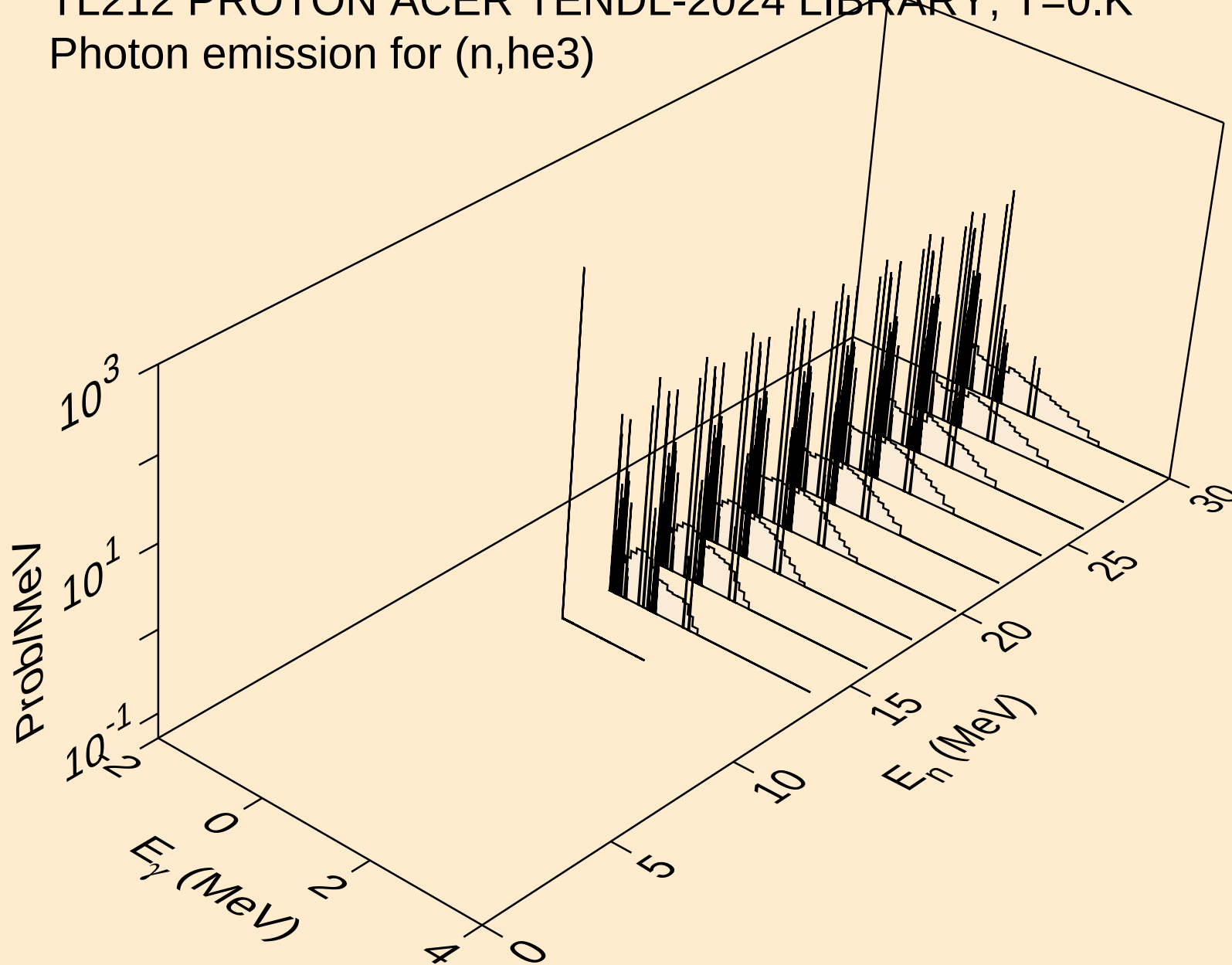
TL212 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)



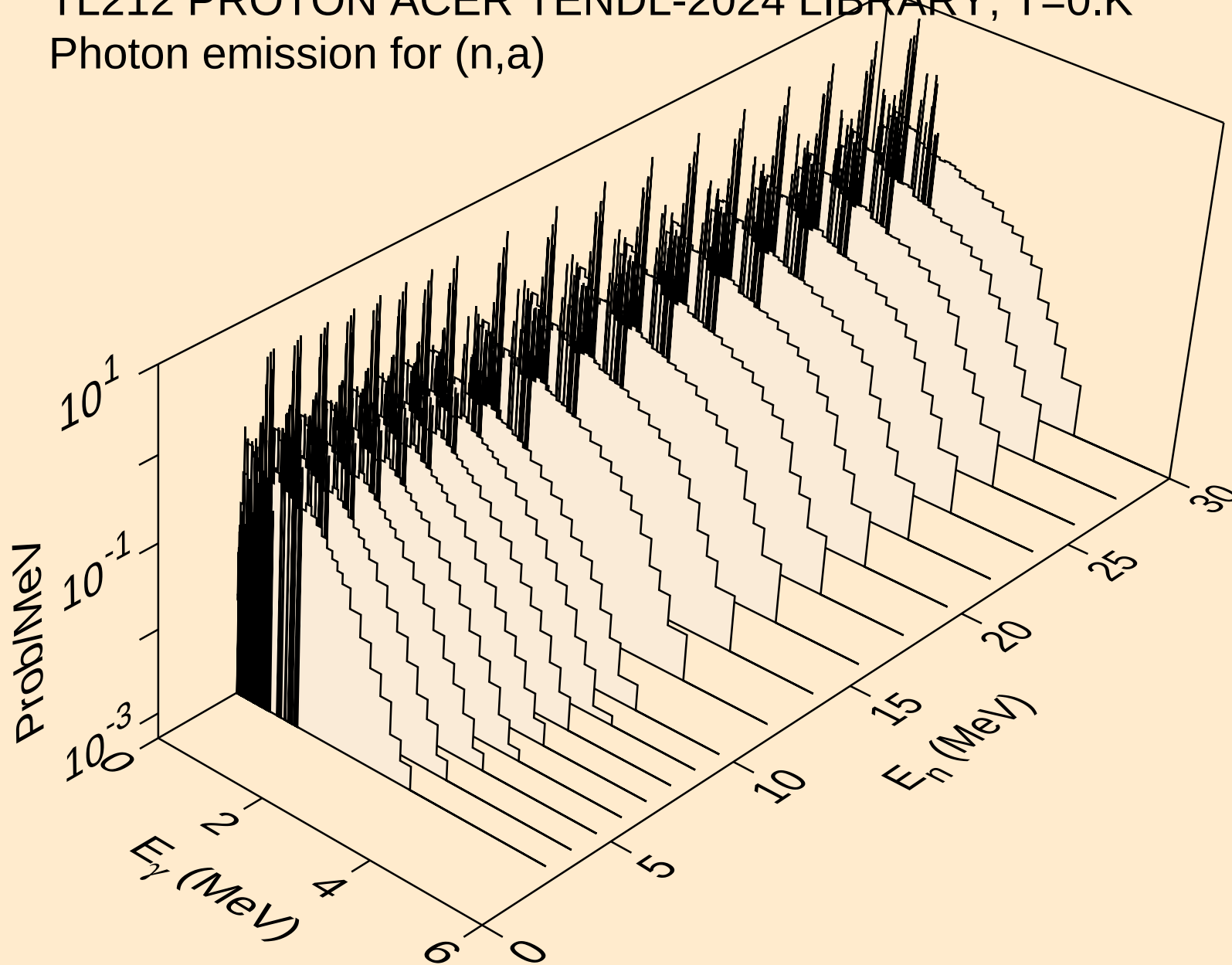
TL212 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)



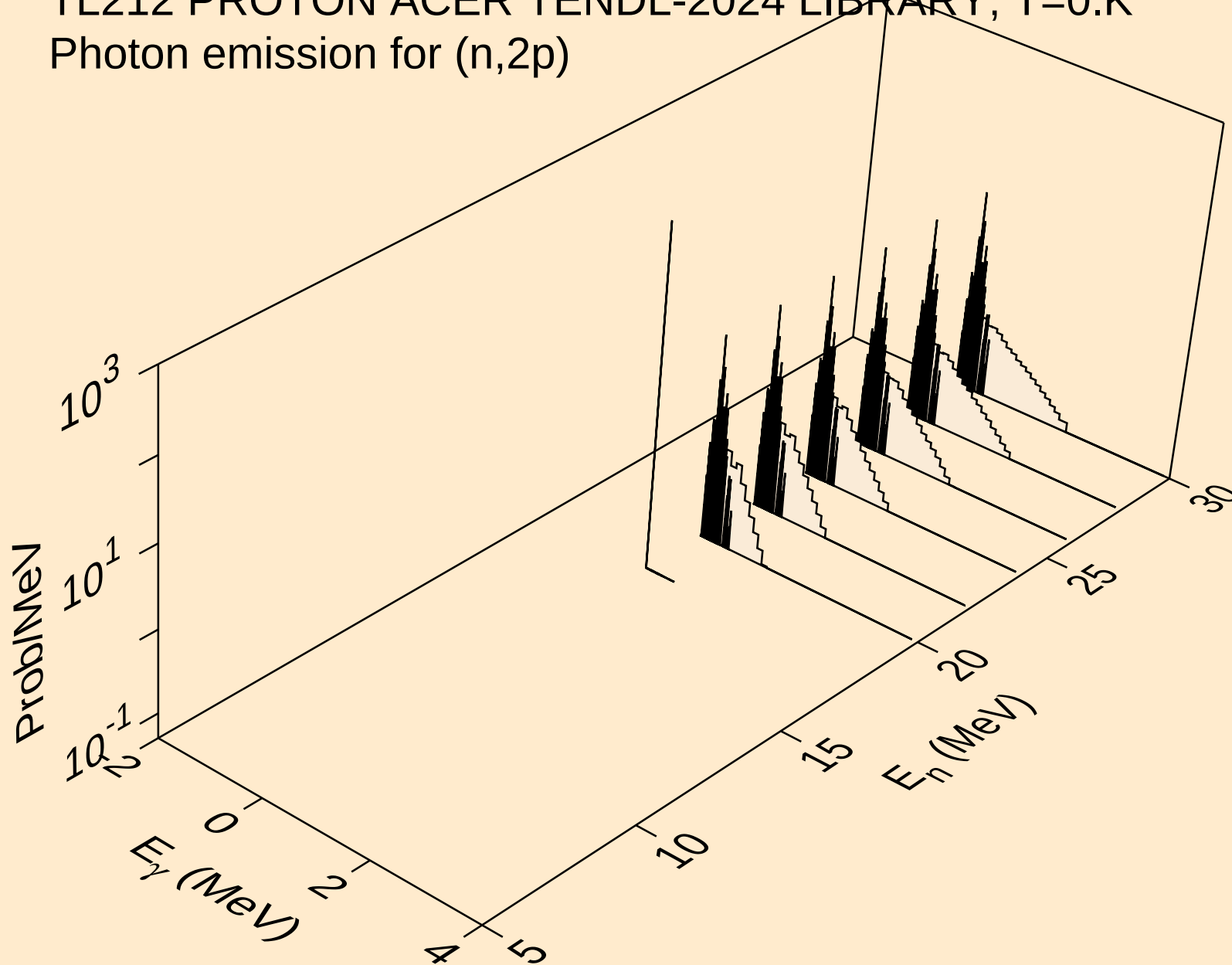
TL212 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,he3)



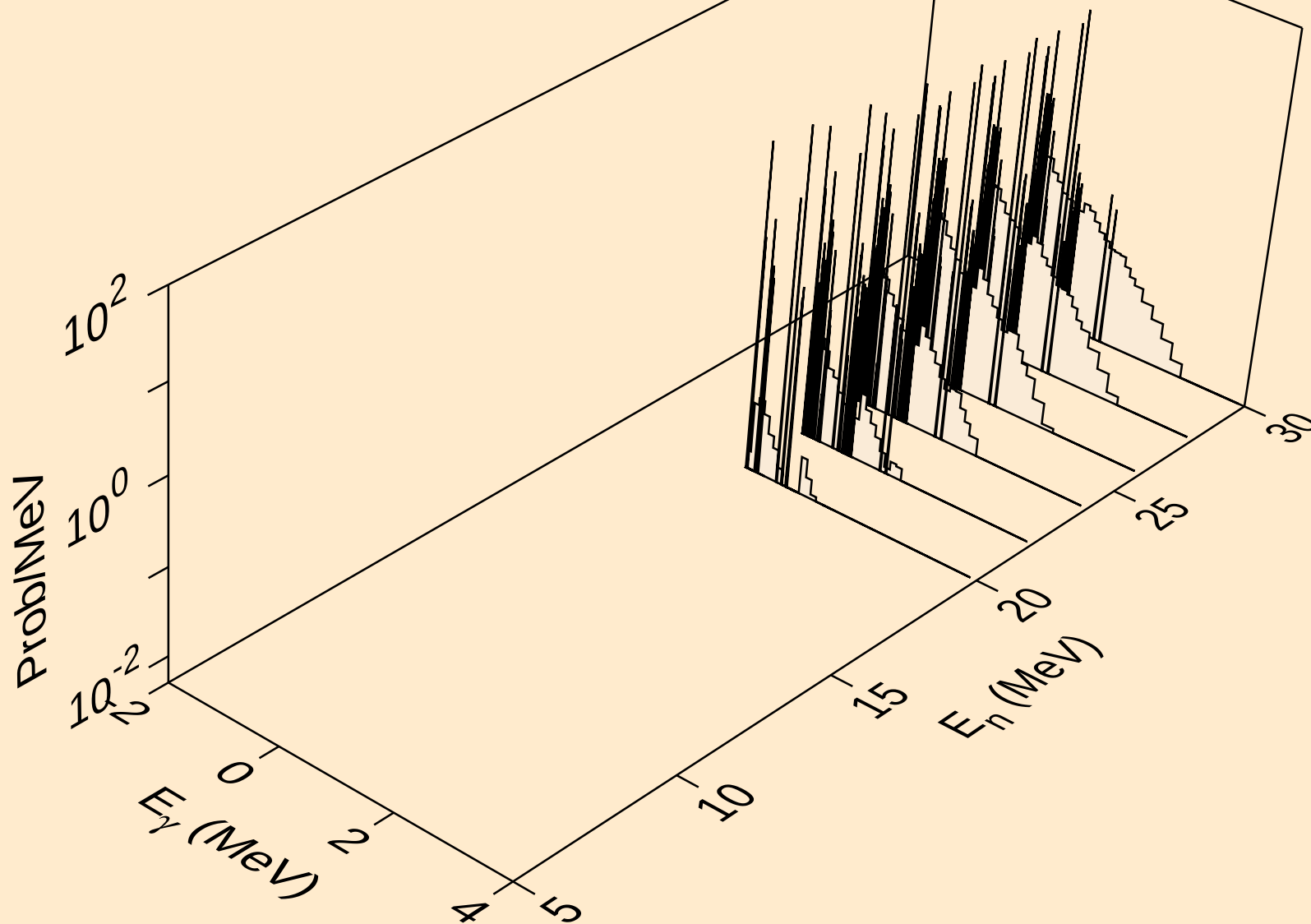
TL212 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)



TL212 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2p)

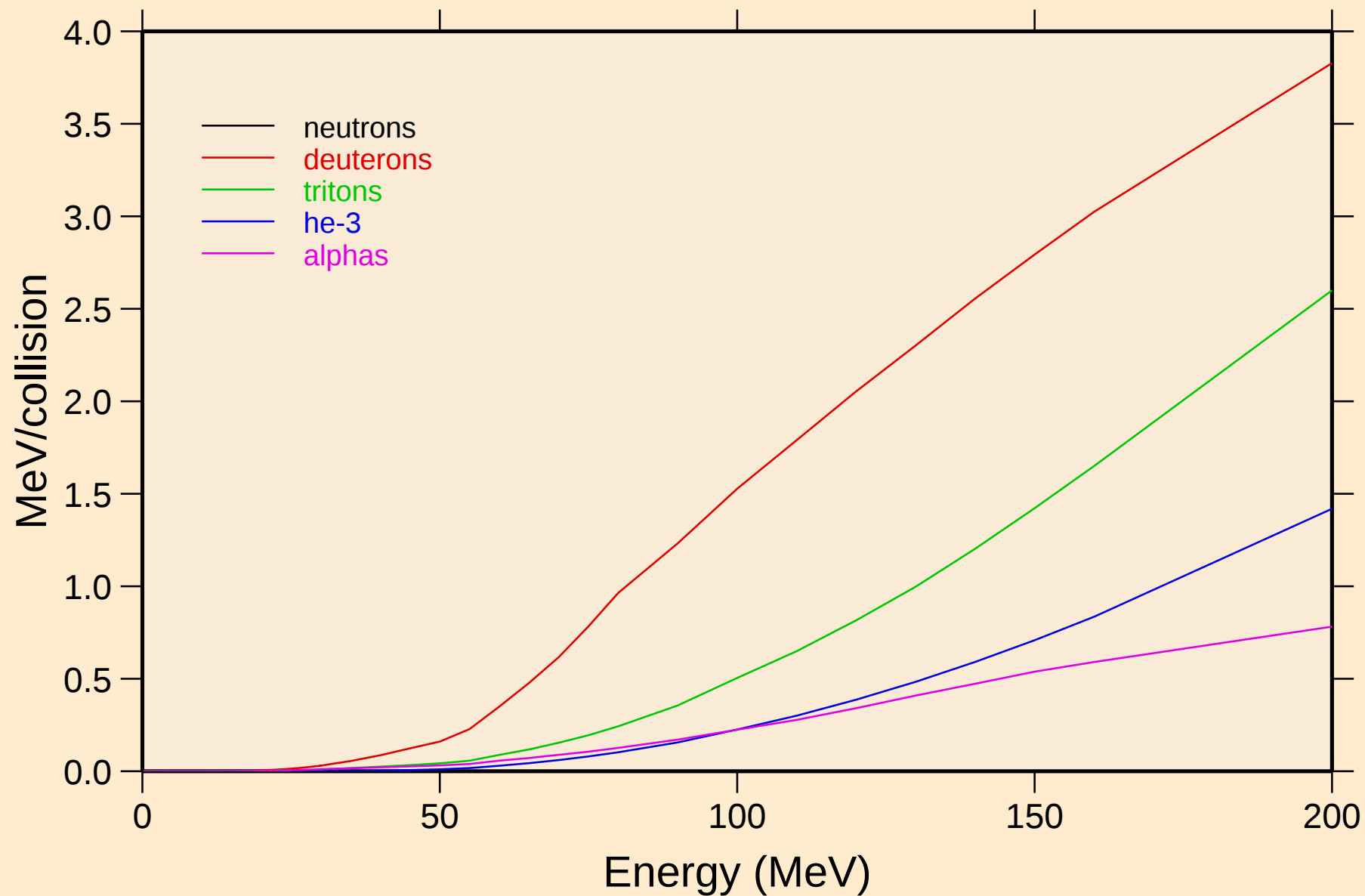


TL212 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pd)

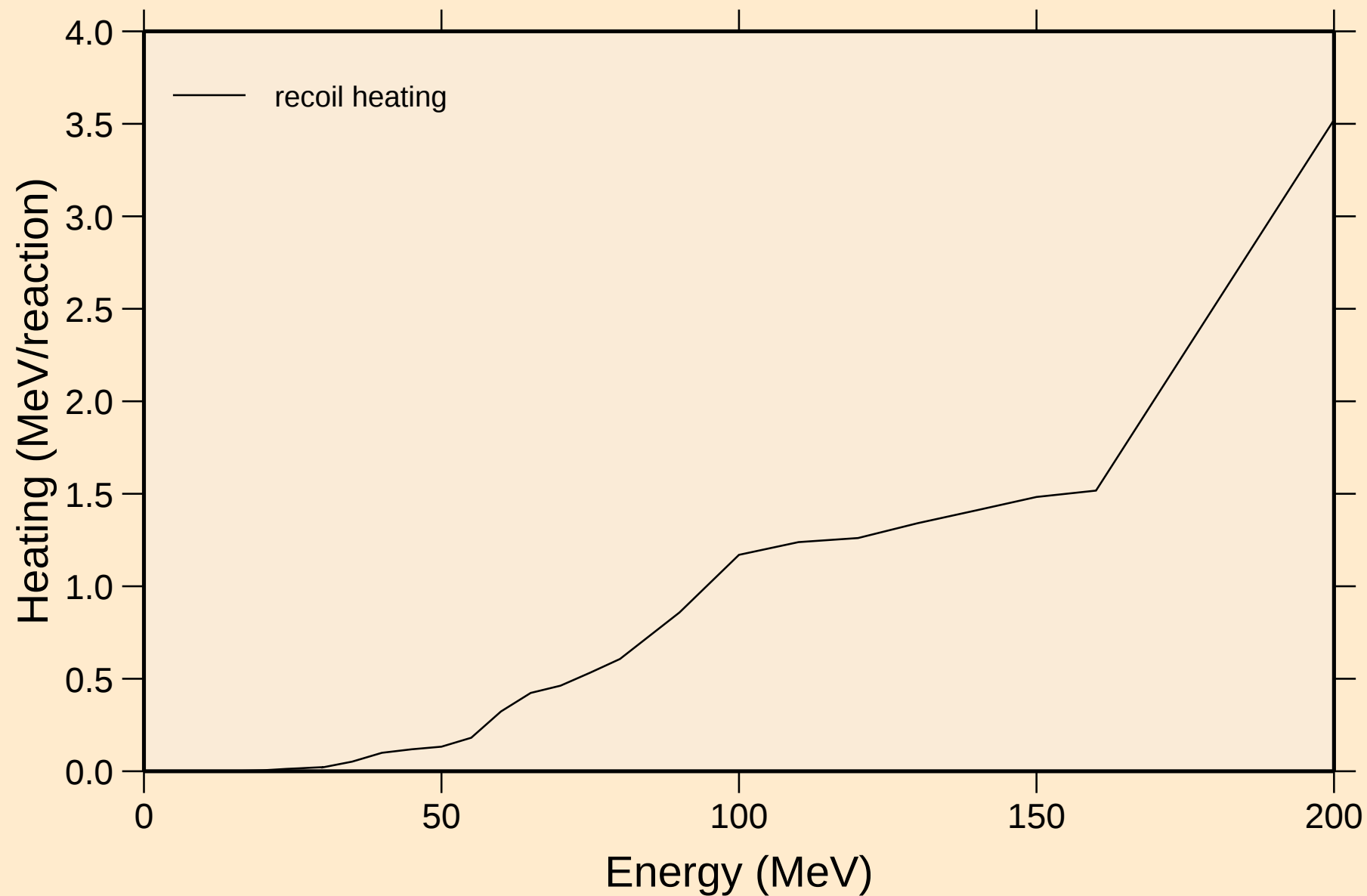


# TL212 PROTON ACER TENDL-2024 LIBRARY; T=0.K

## Particle heating contributions

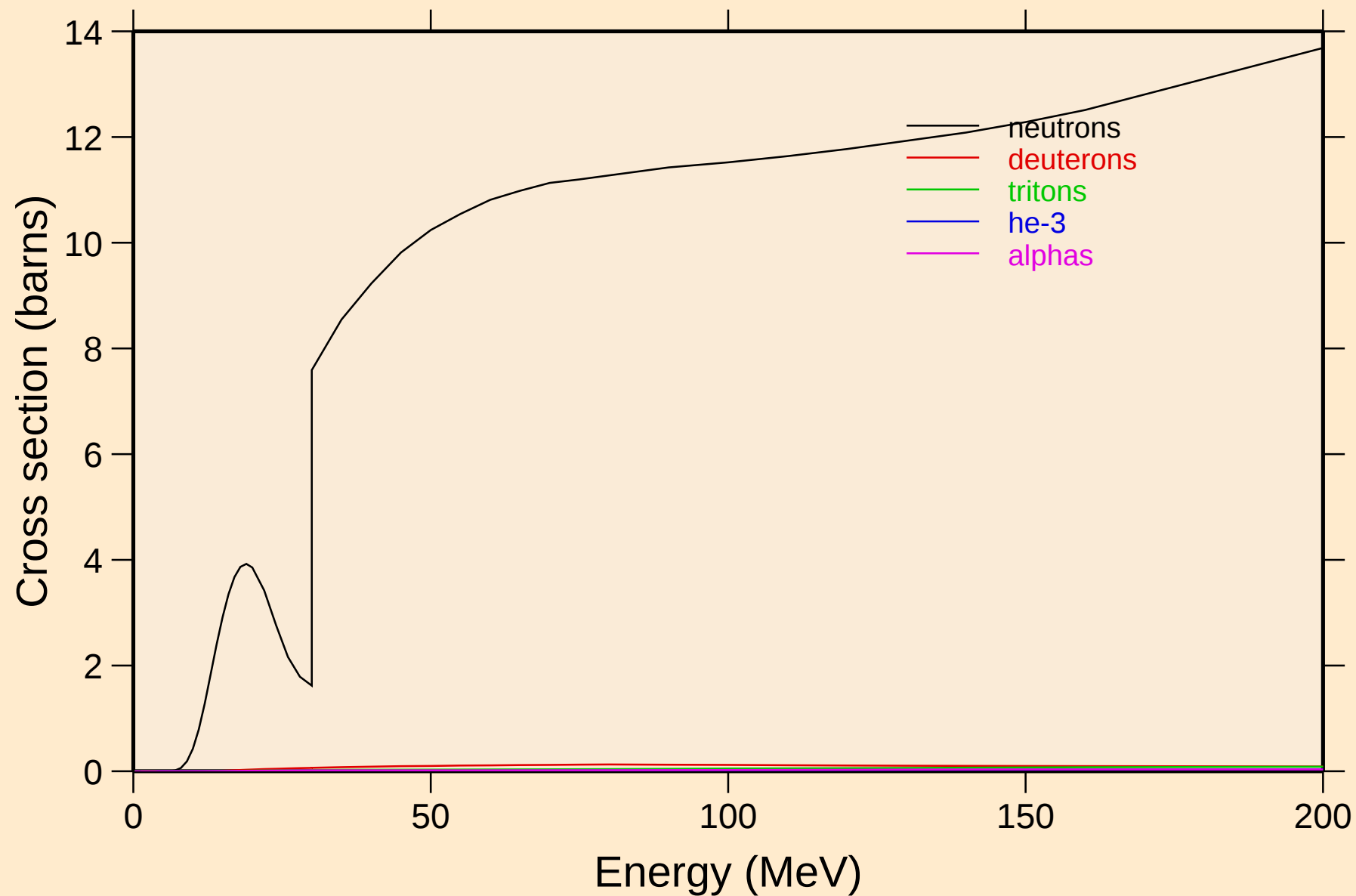


TL212 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Recoil Heating

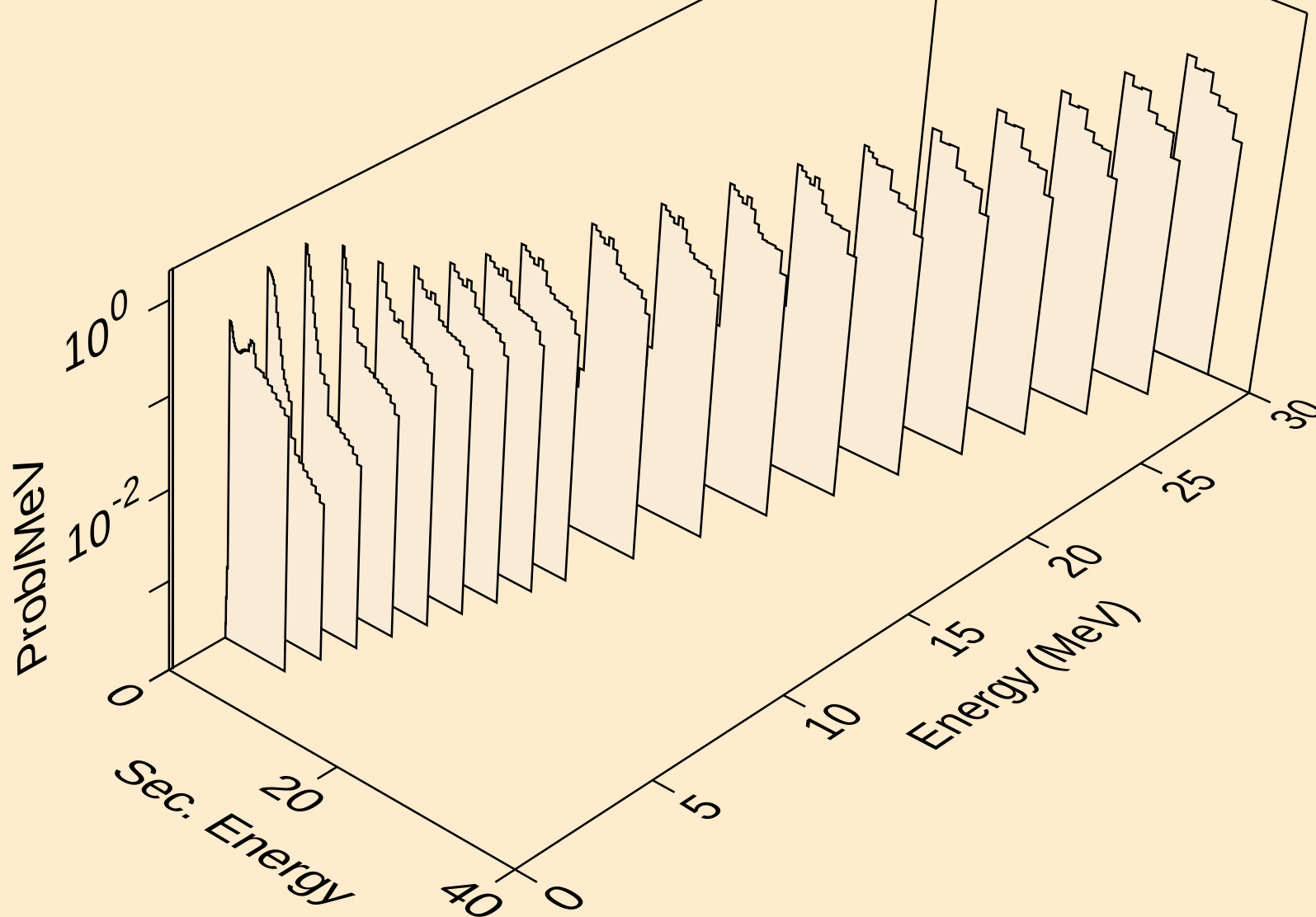


# TL212 PROTON ACER TENDL-2024 LIBRARY; T=0.K

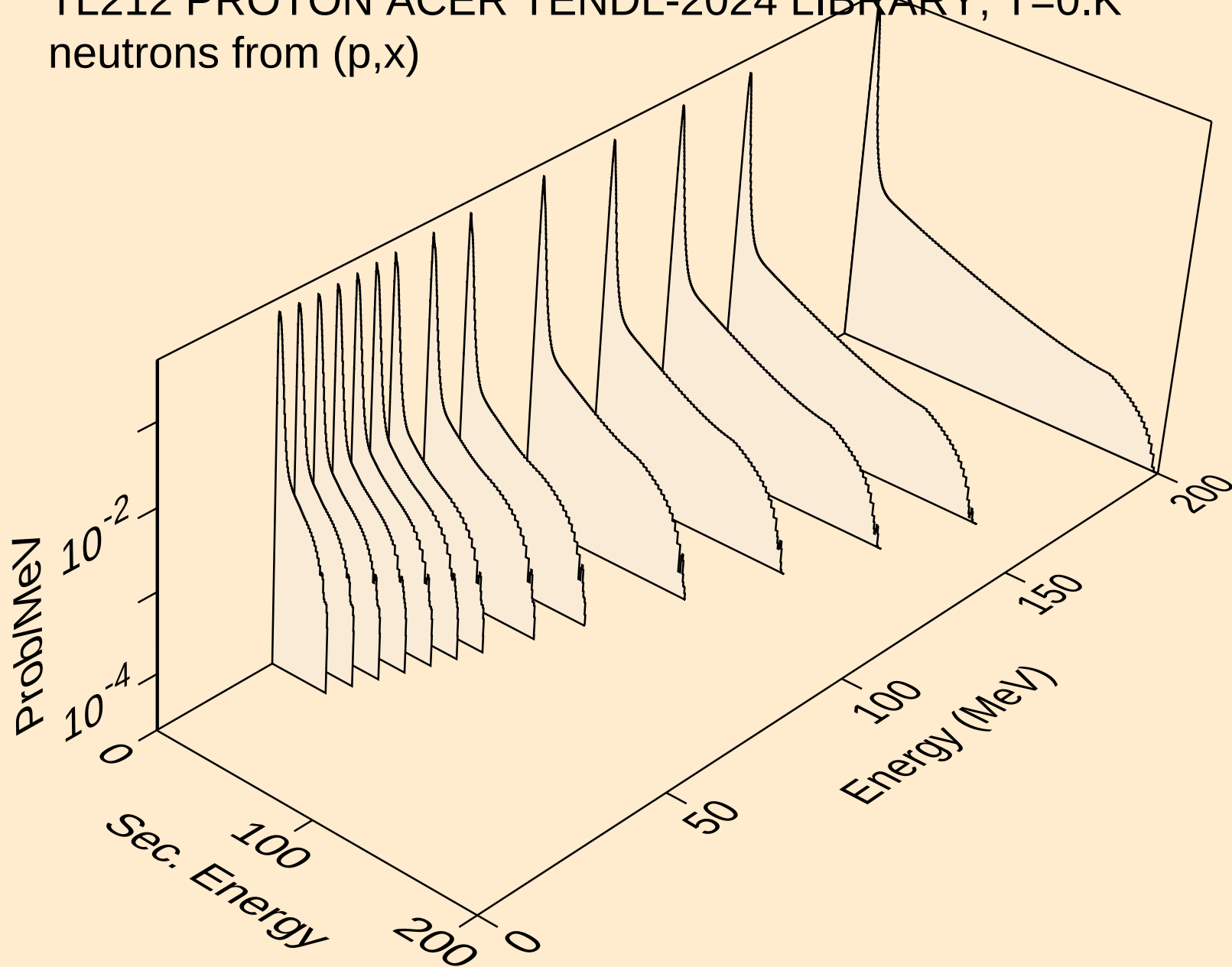
## Particle production cross sections



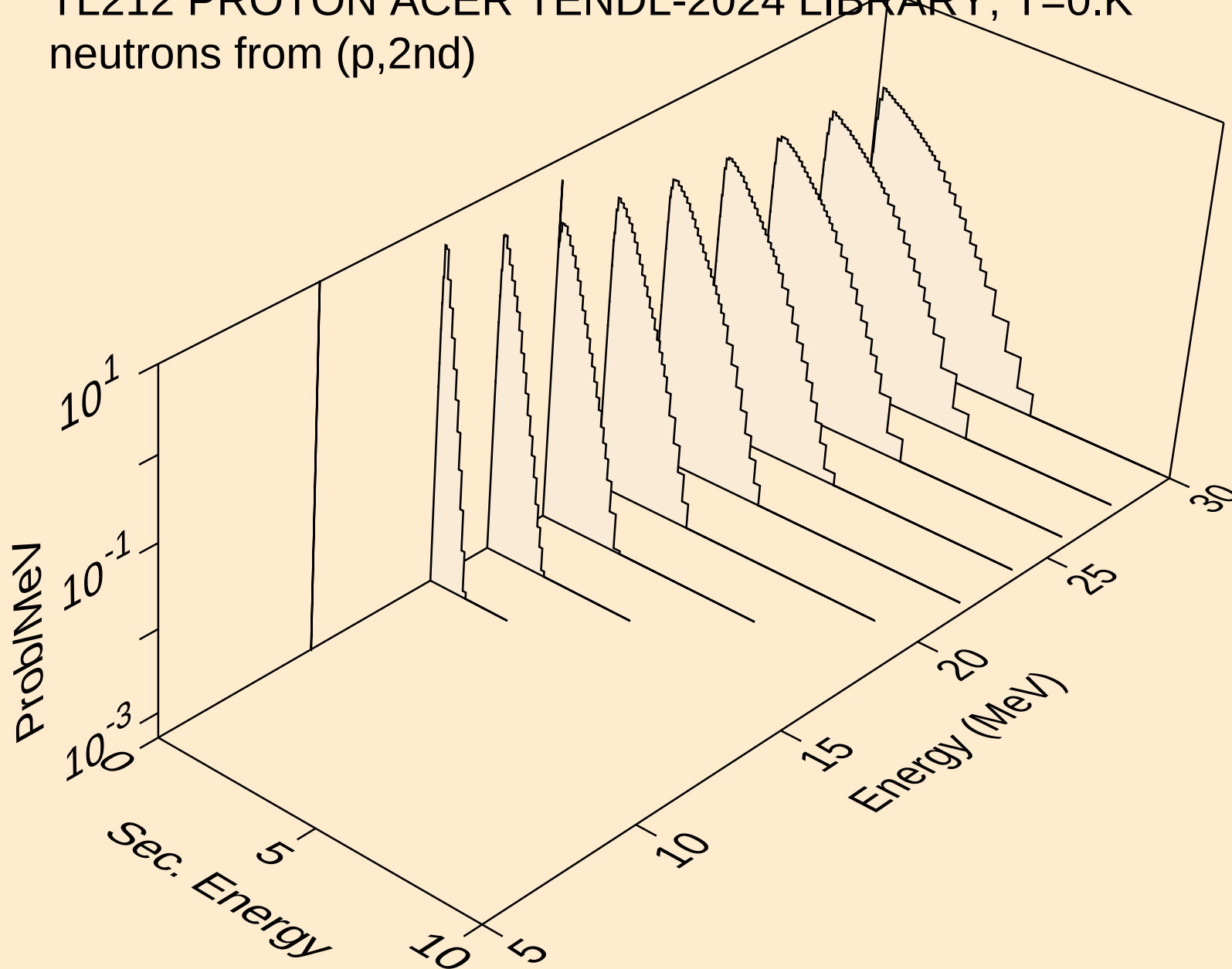
TL212 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,n)



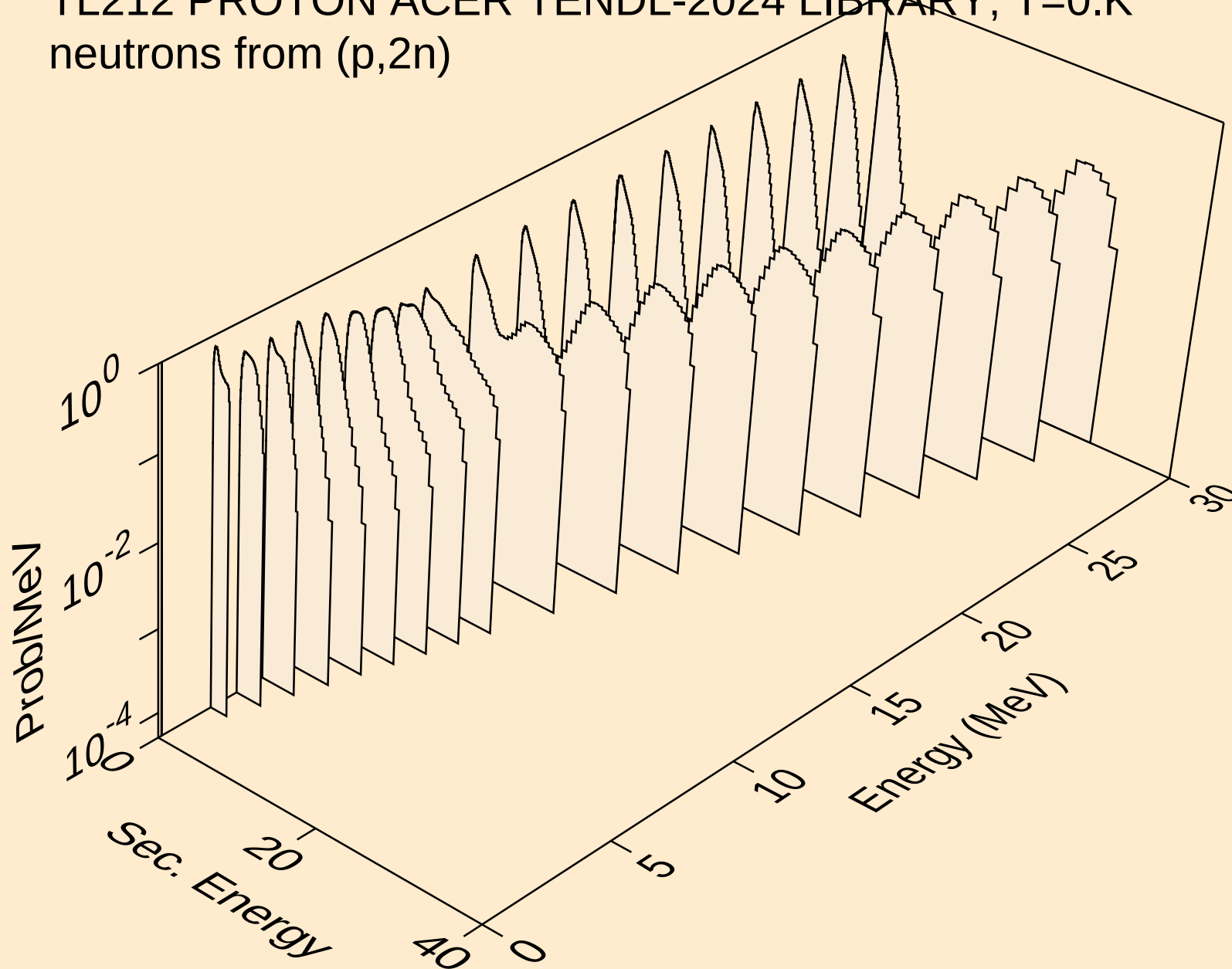
TL212 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,x)



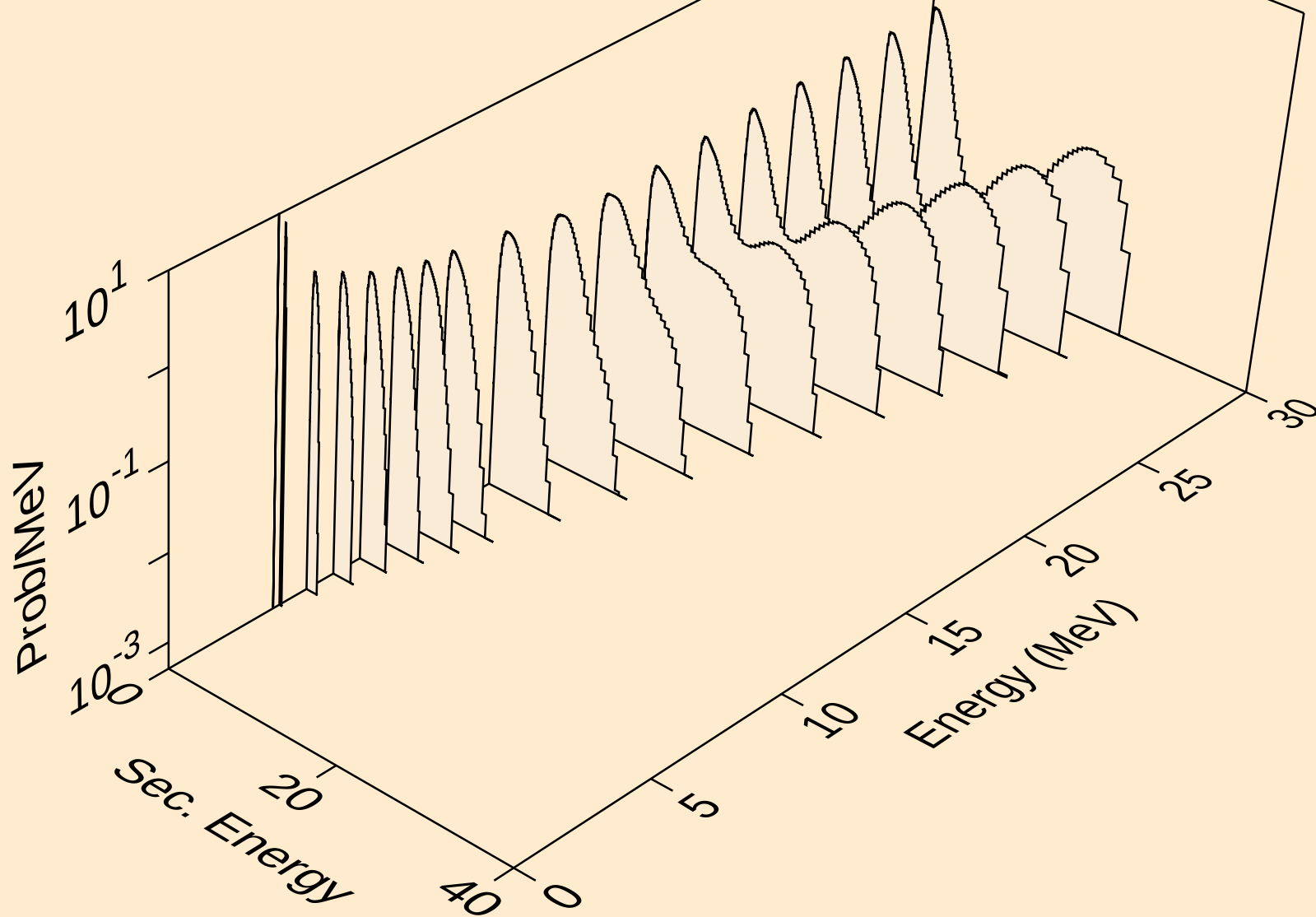
TL212 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,2nd)



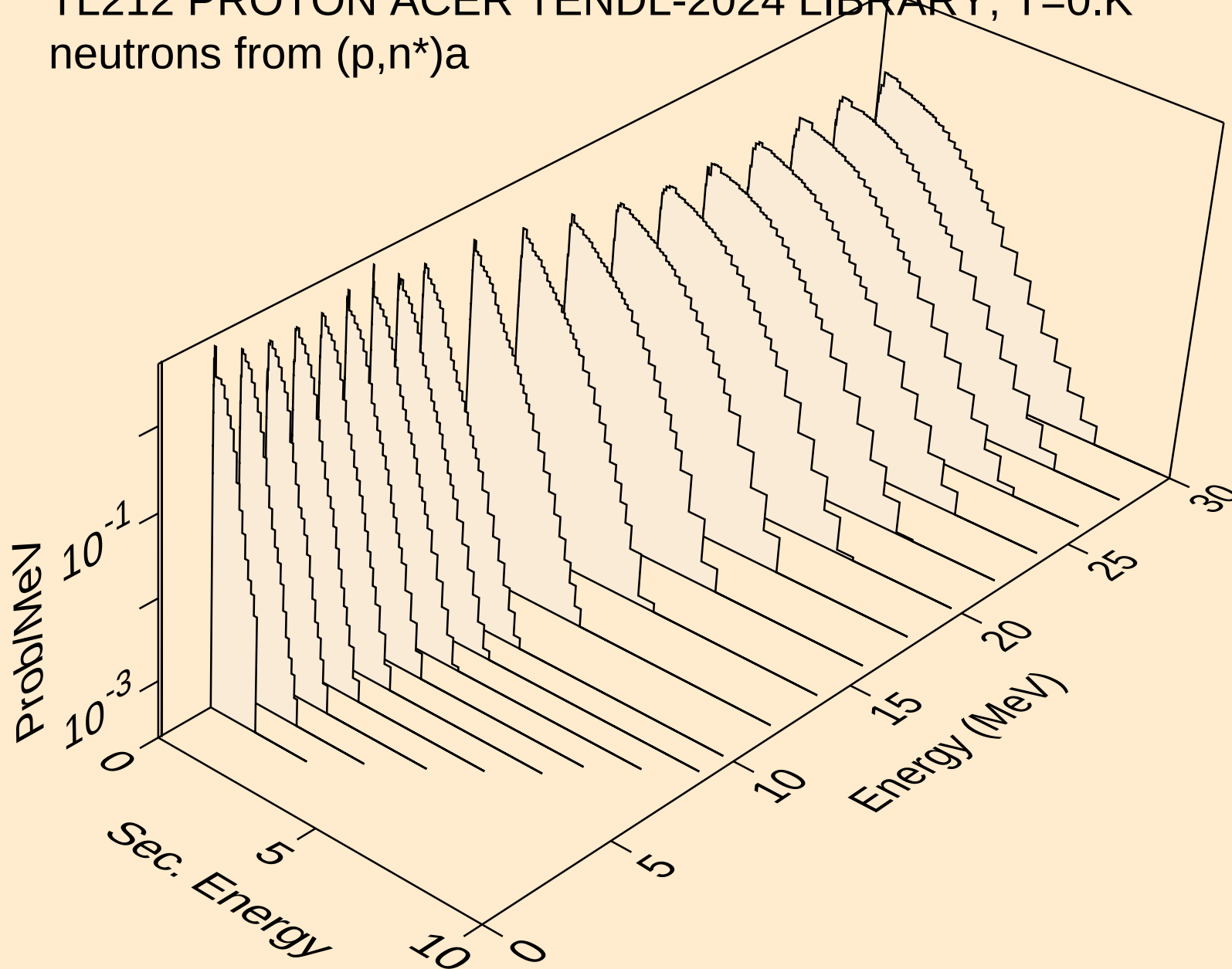
TL212 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,2n)



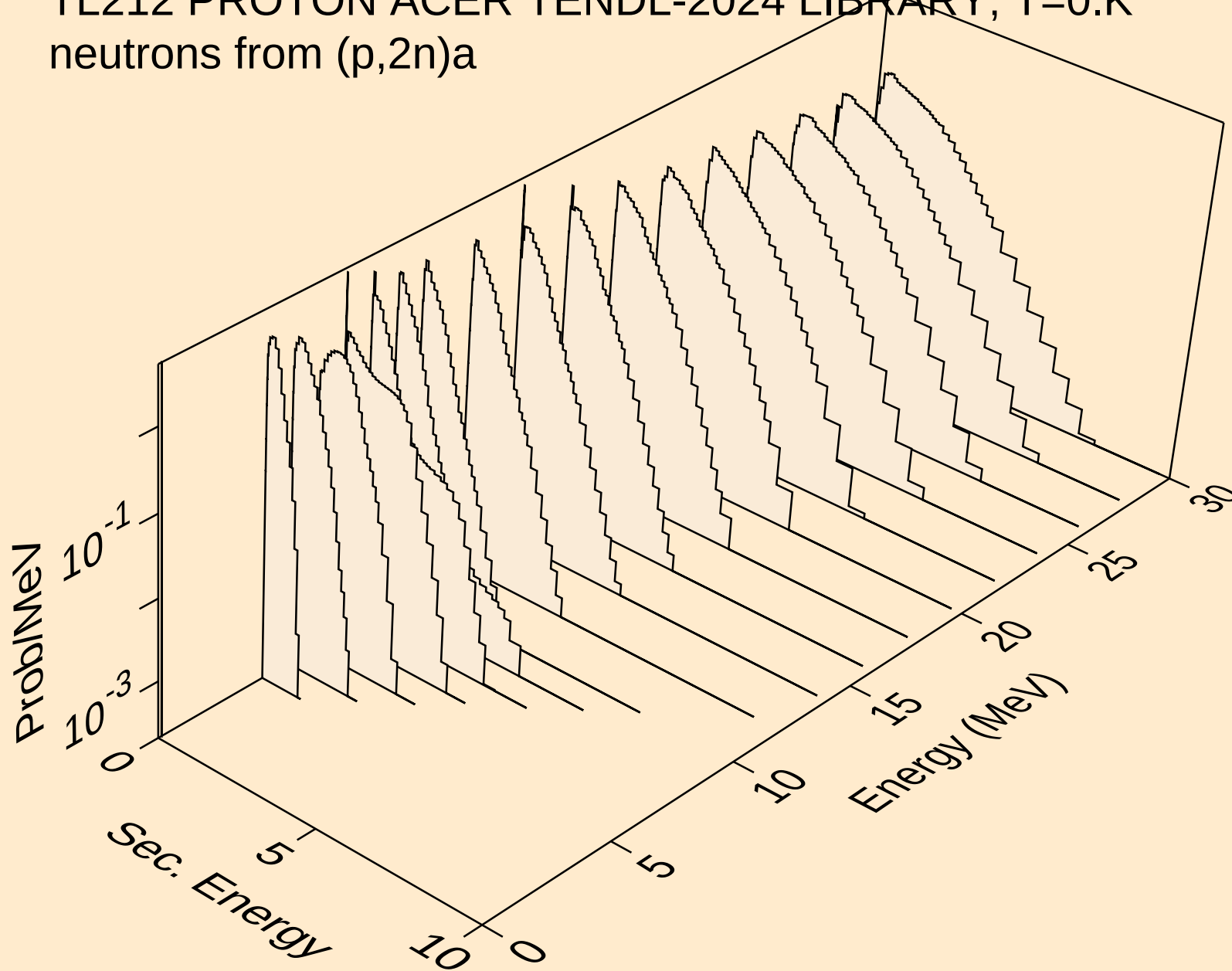
TL212 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,3n)



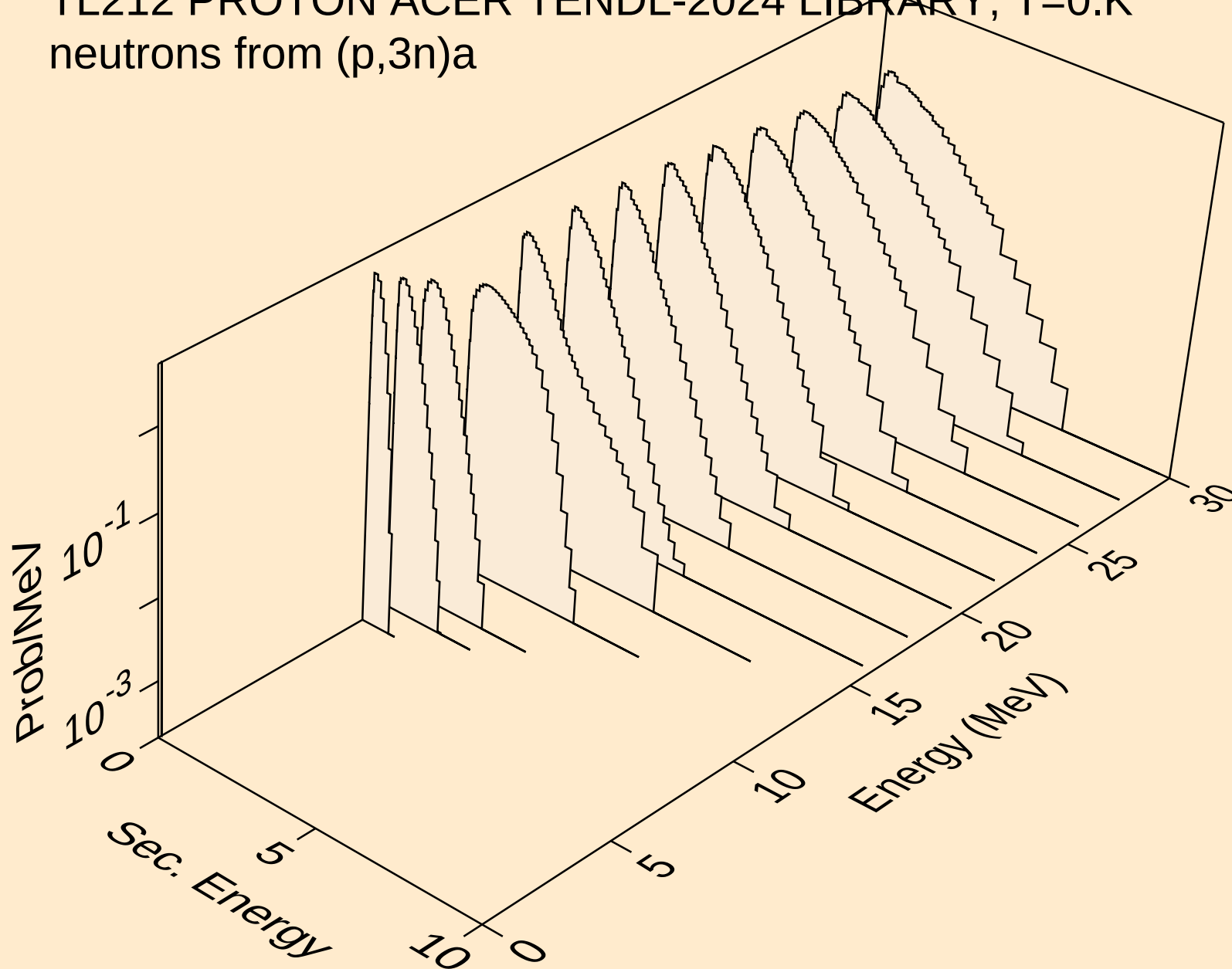
TL212 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,n\*)a



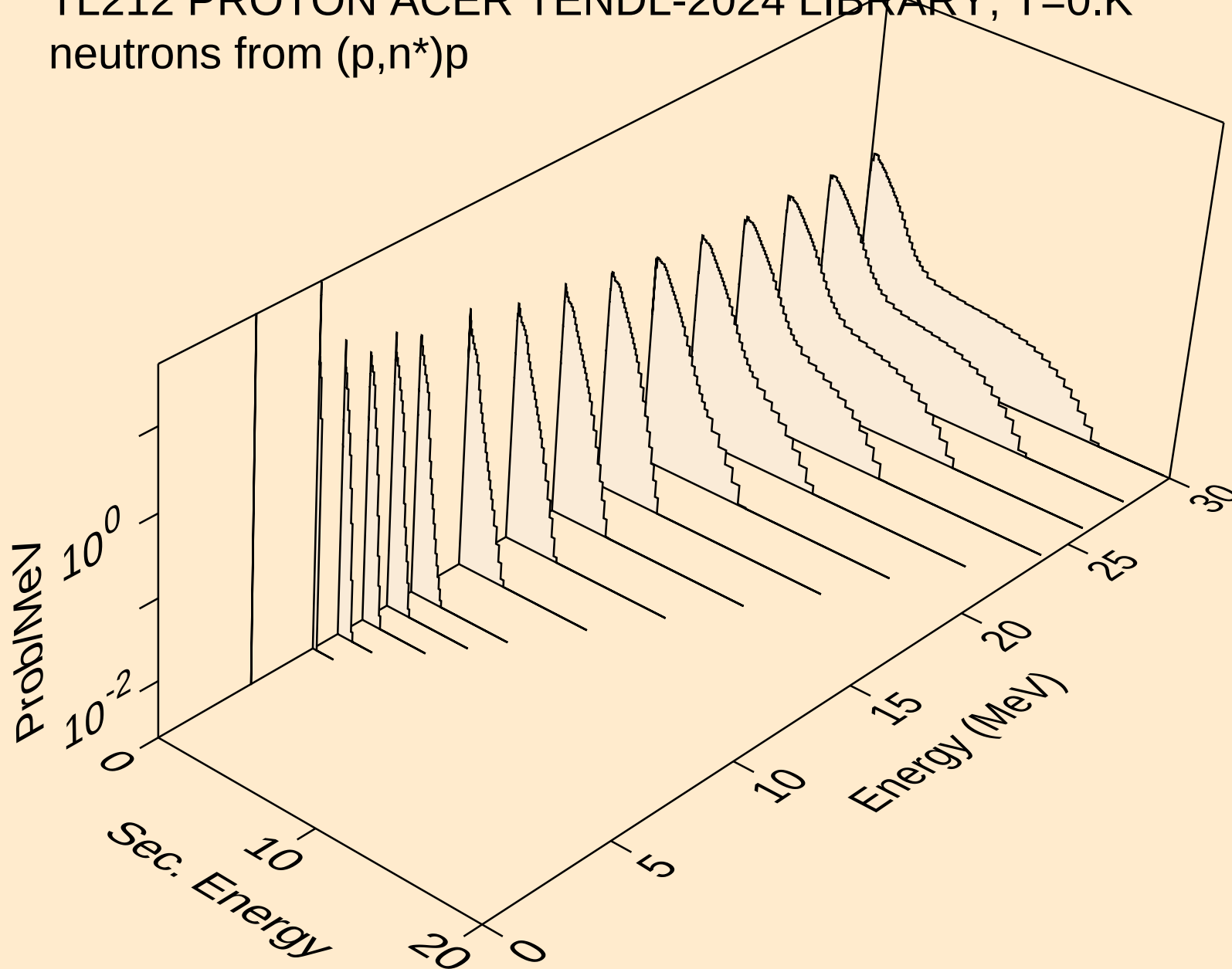
TL212 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,2n)a



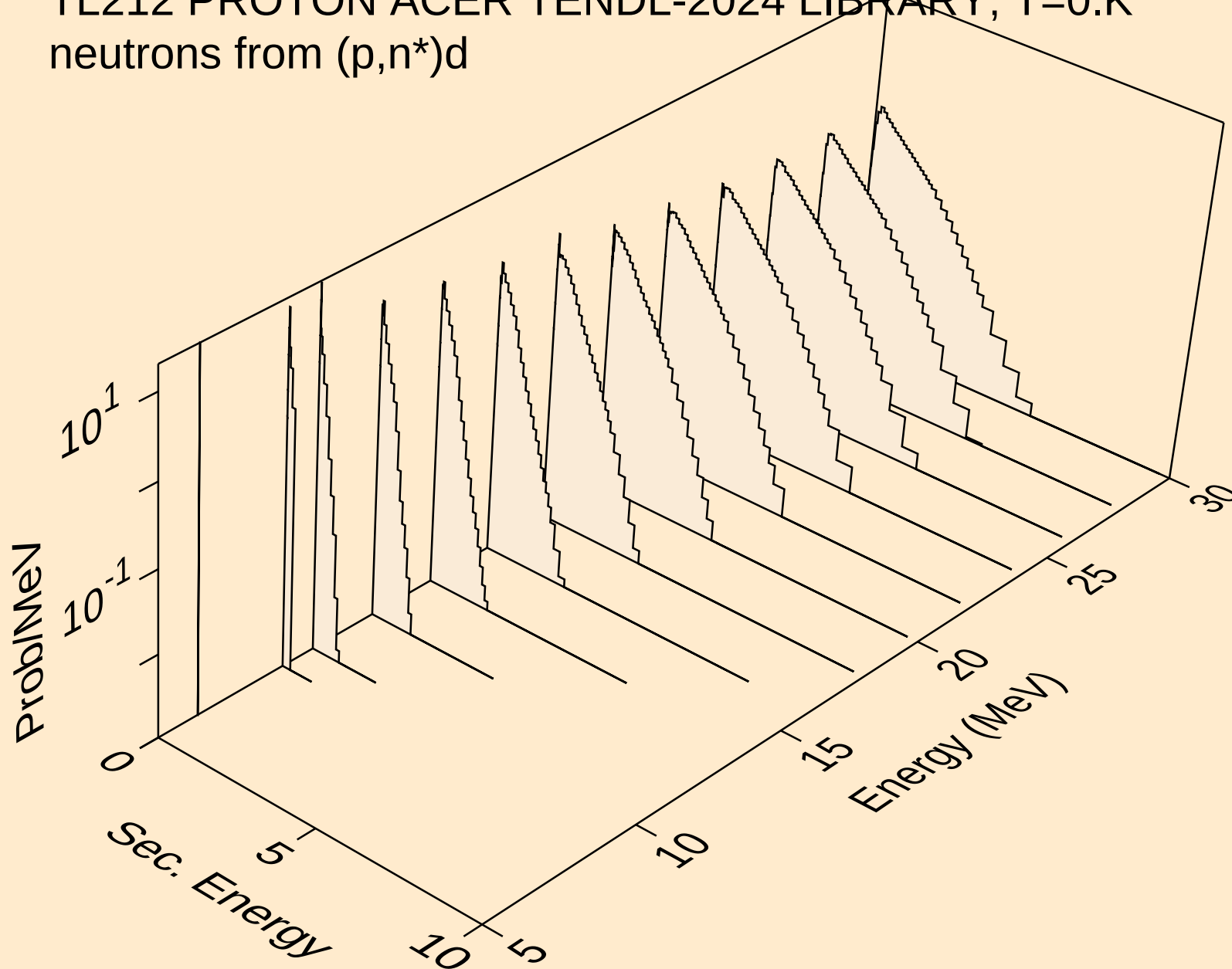
TL212 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,3n)a



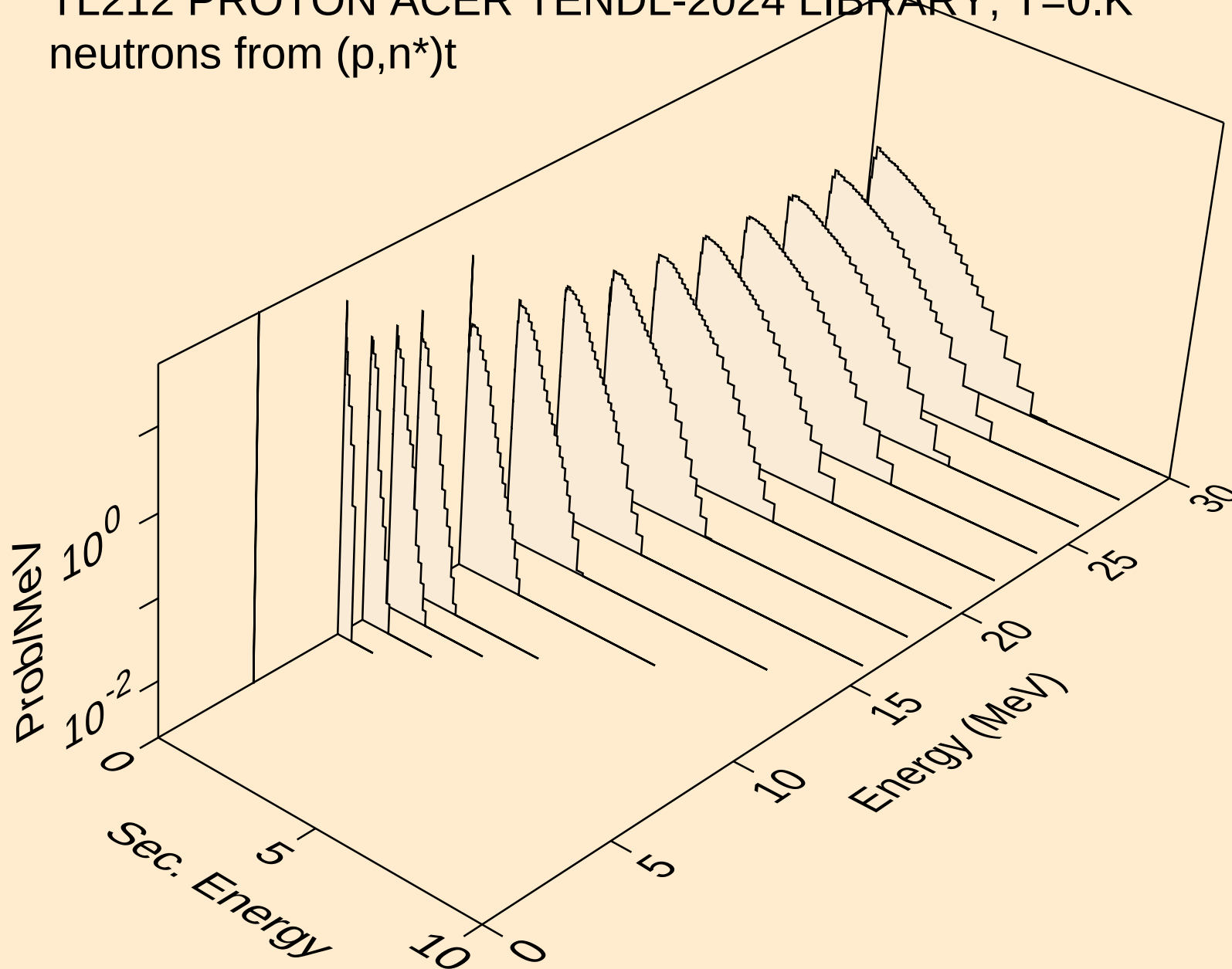
TL212 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,n\*)p



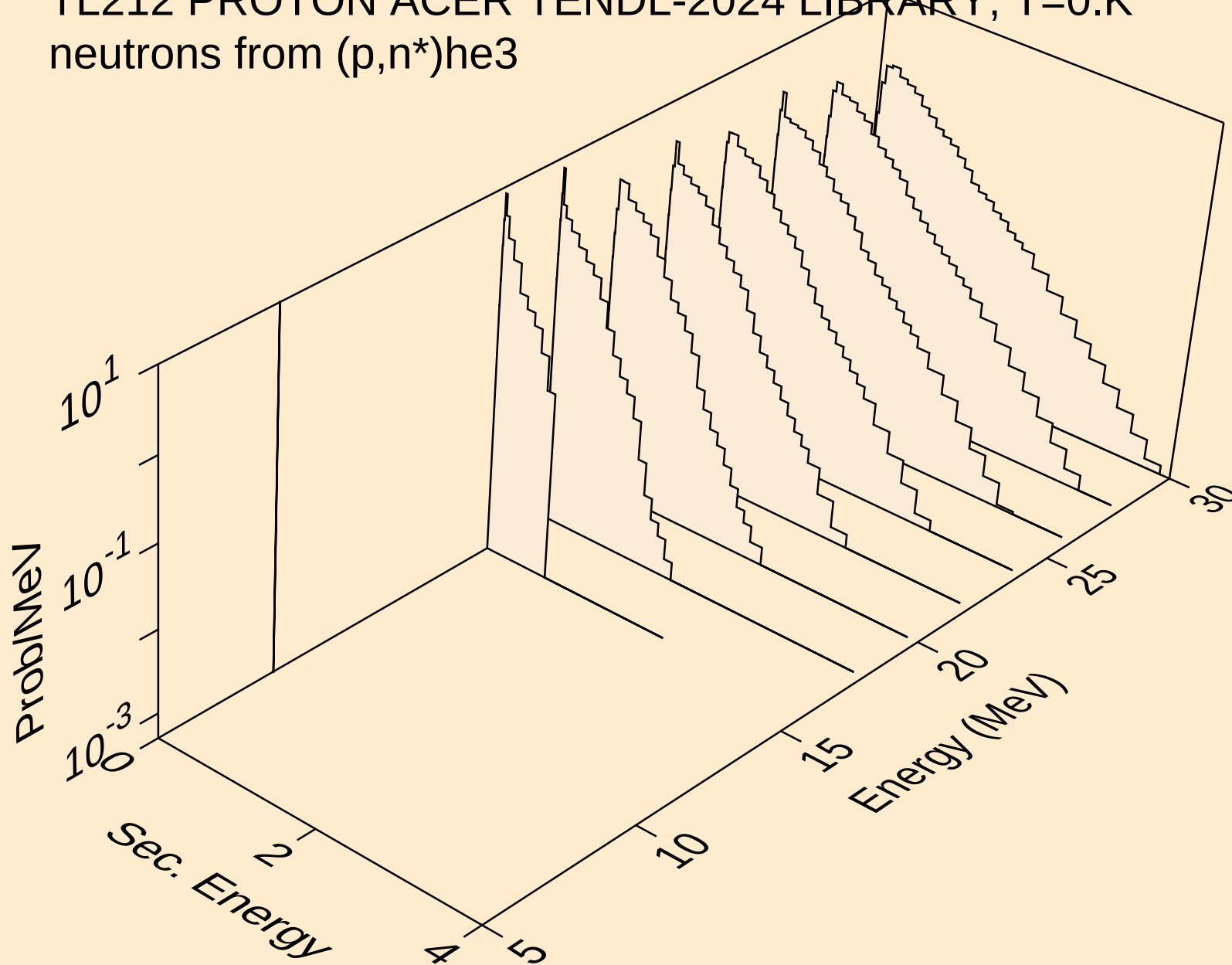
TL212 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,n\*)d



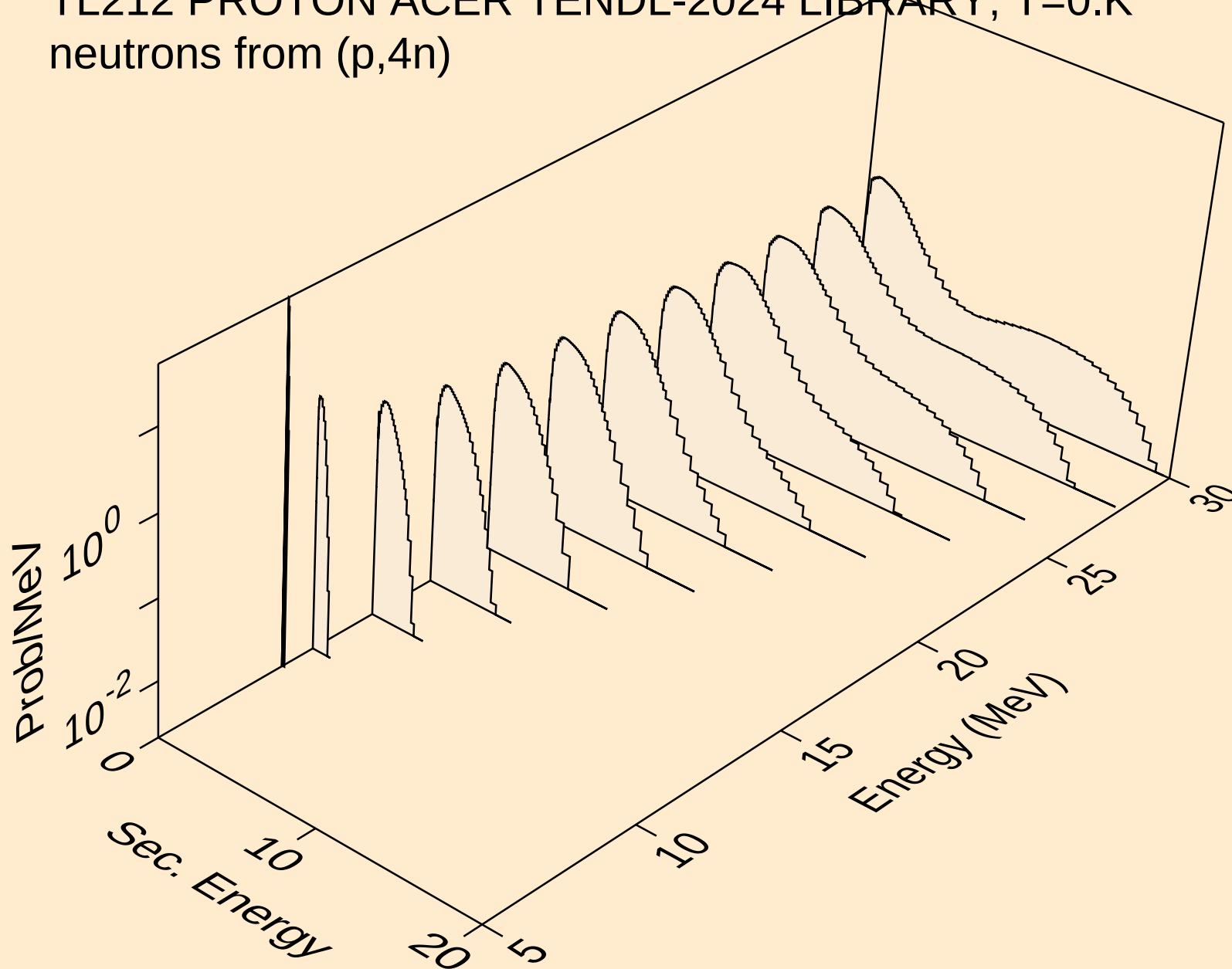
TL212 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,n\*)t



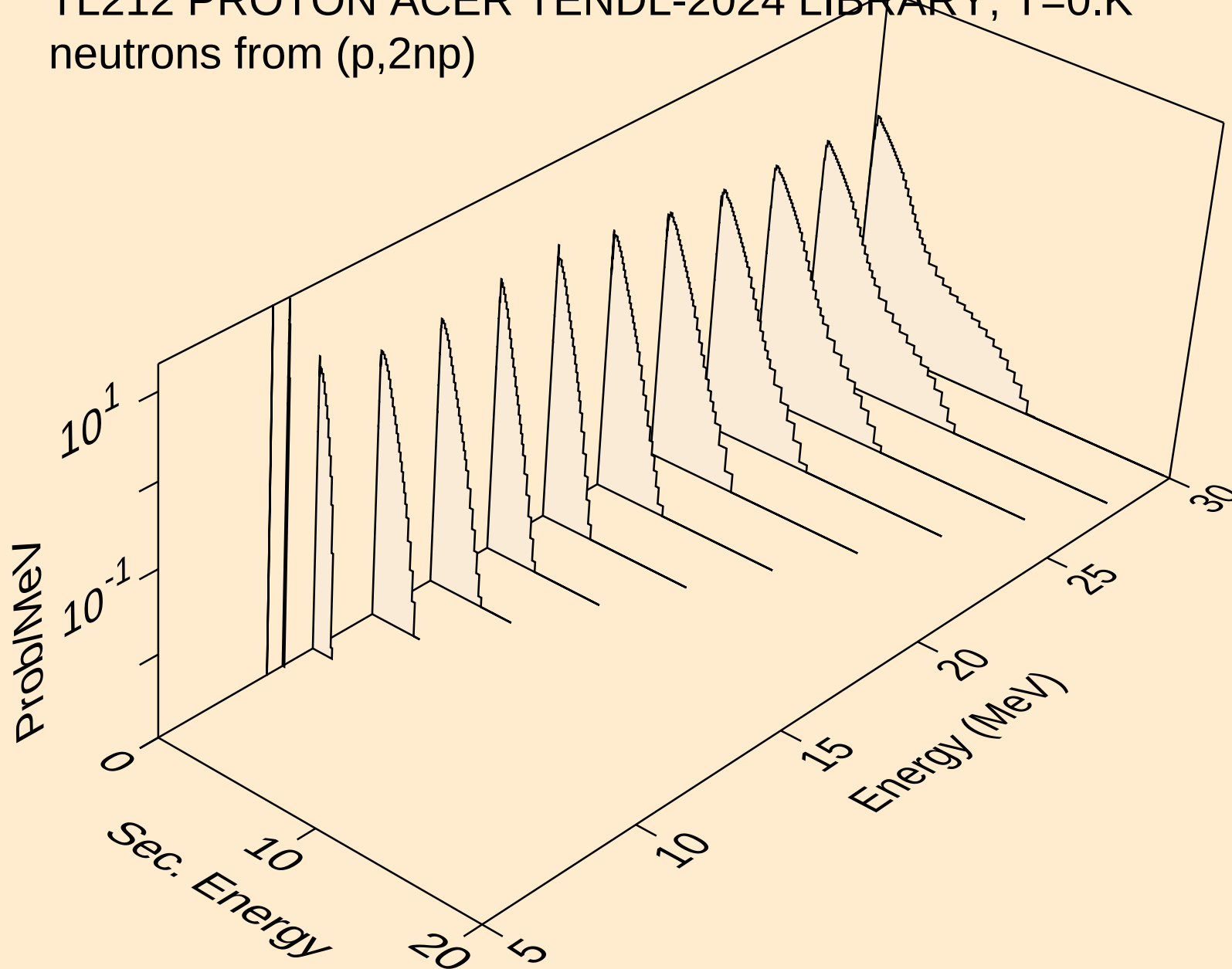
TL212 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,n\*)he3



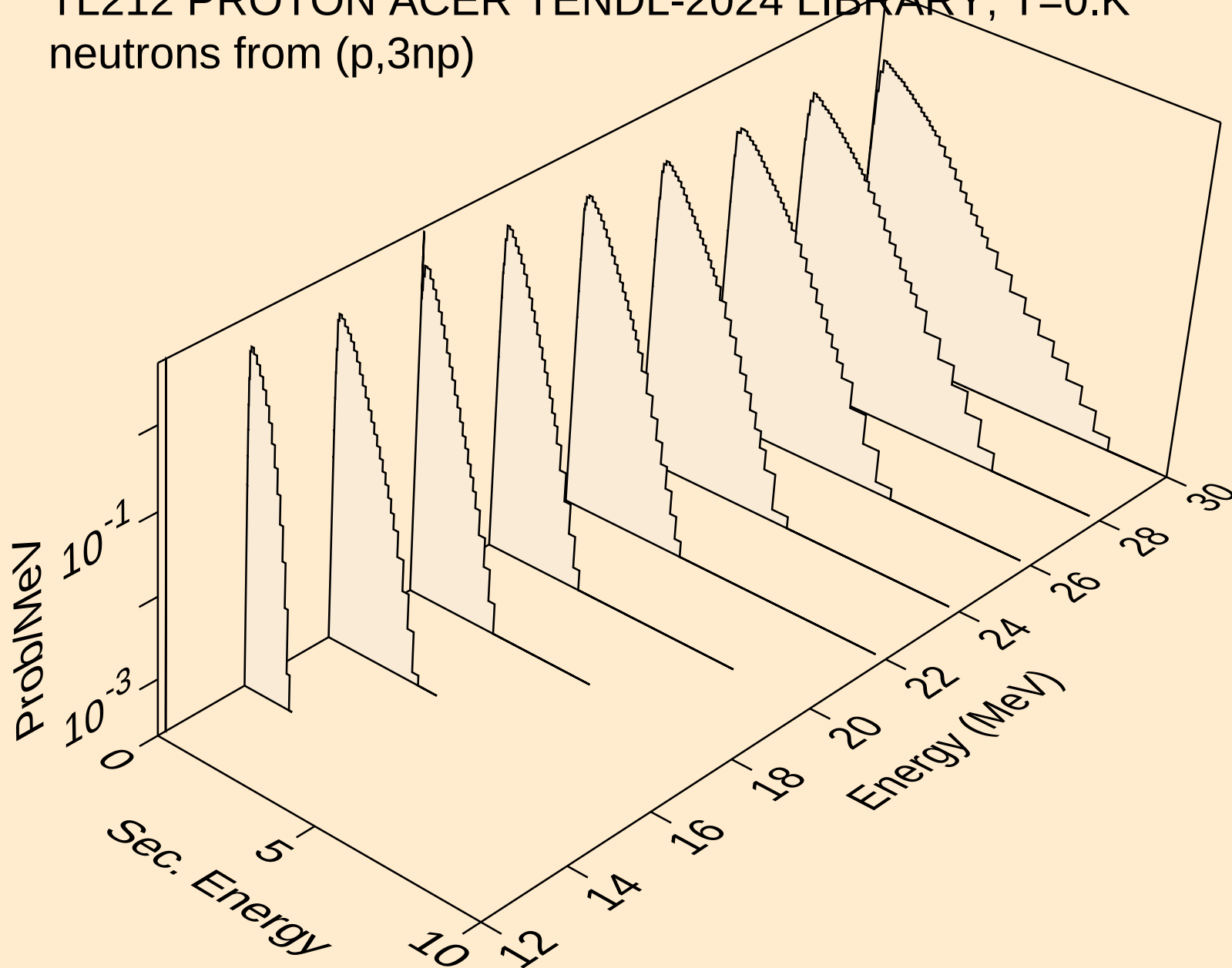
TL212 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,4n)



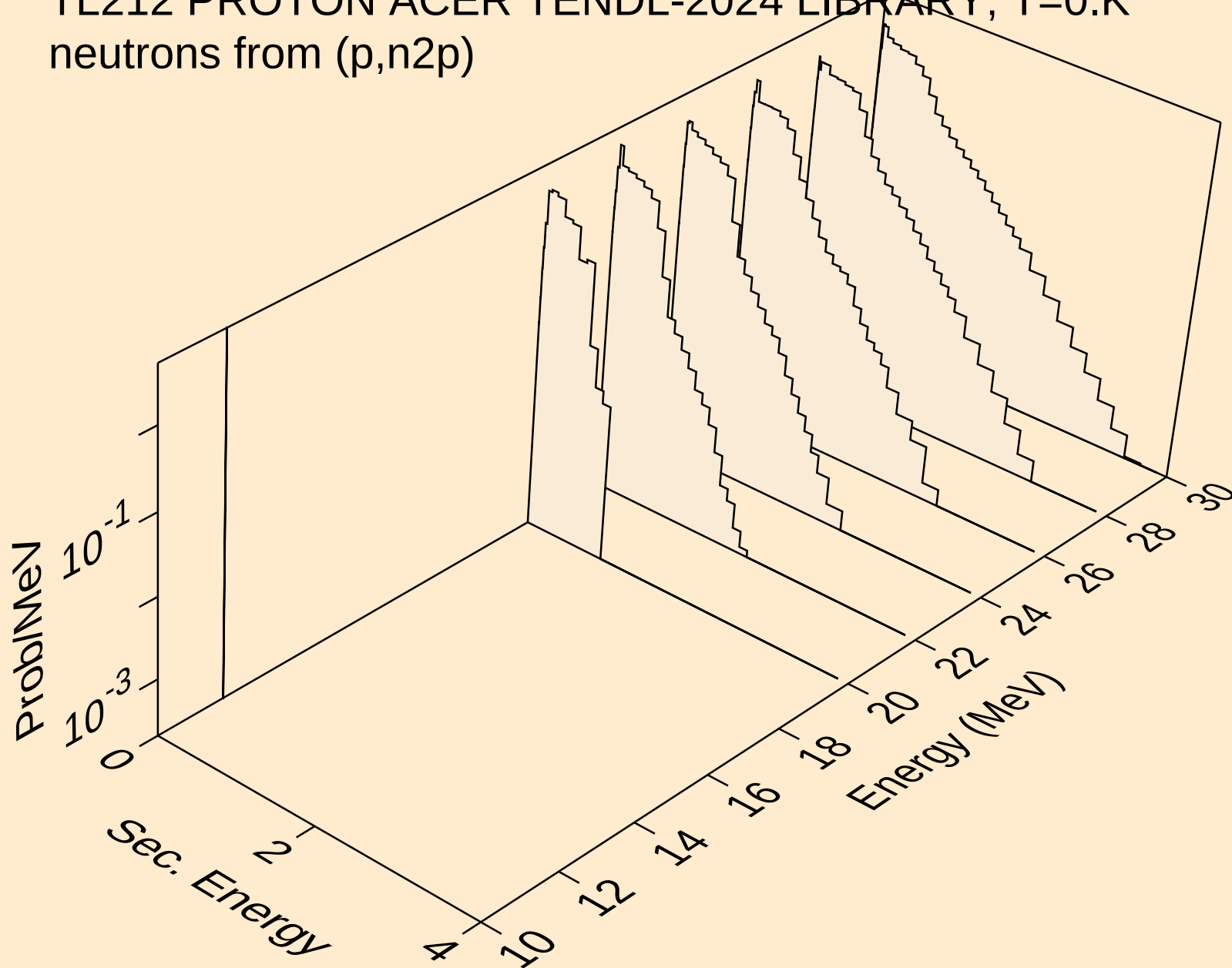
TL212 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,2np)



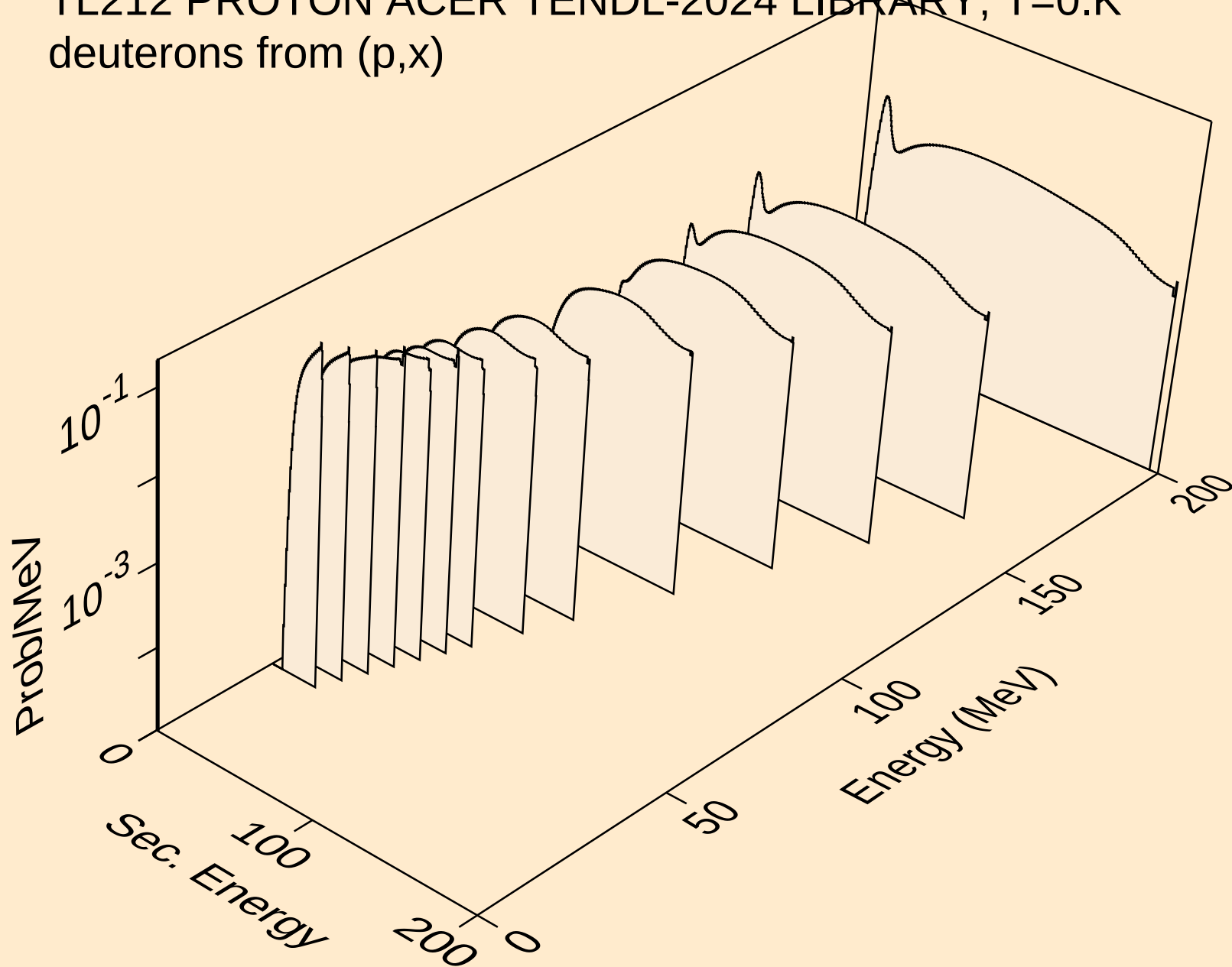
TL212 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,3np)



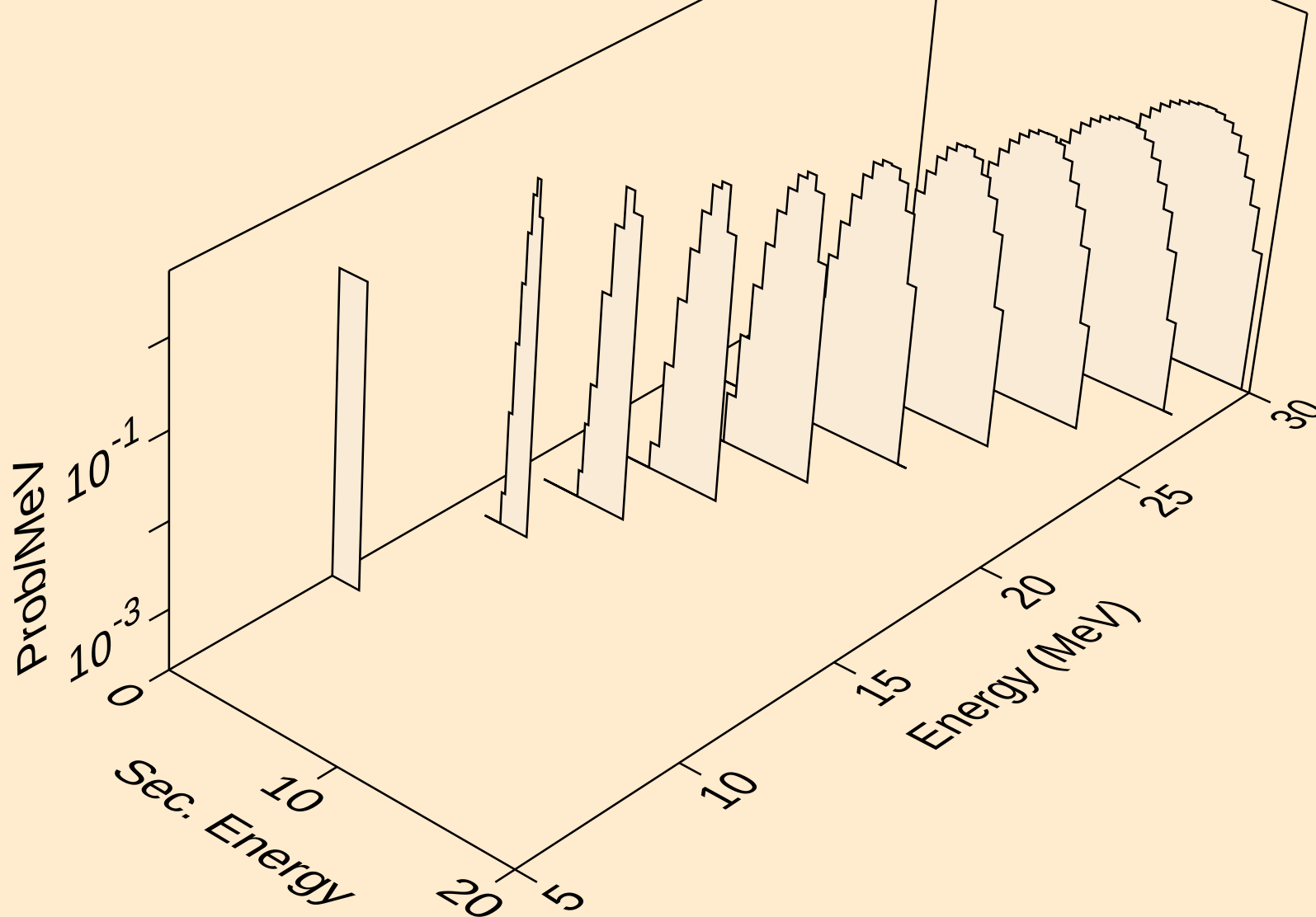
TL212 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,n2p)



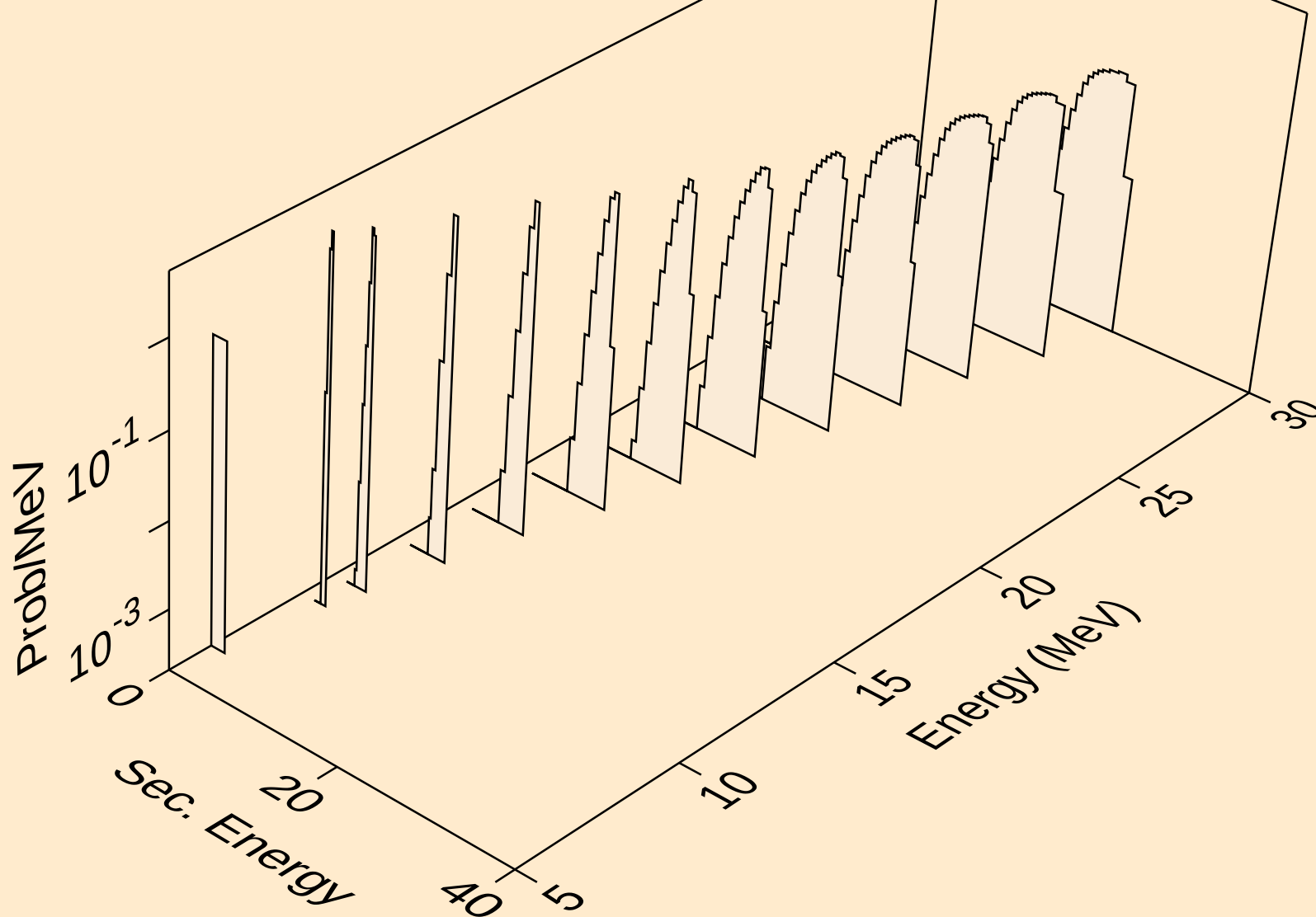
TL212 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (p,x)



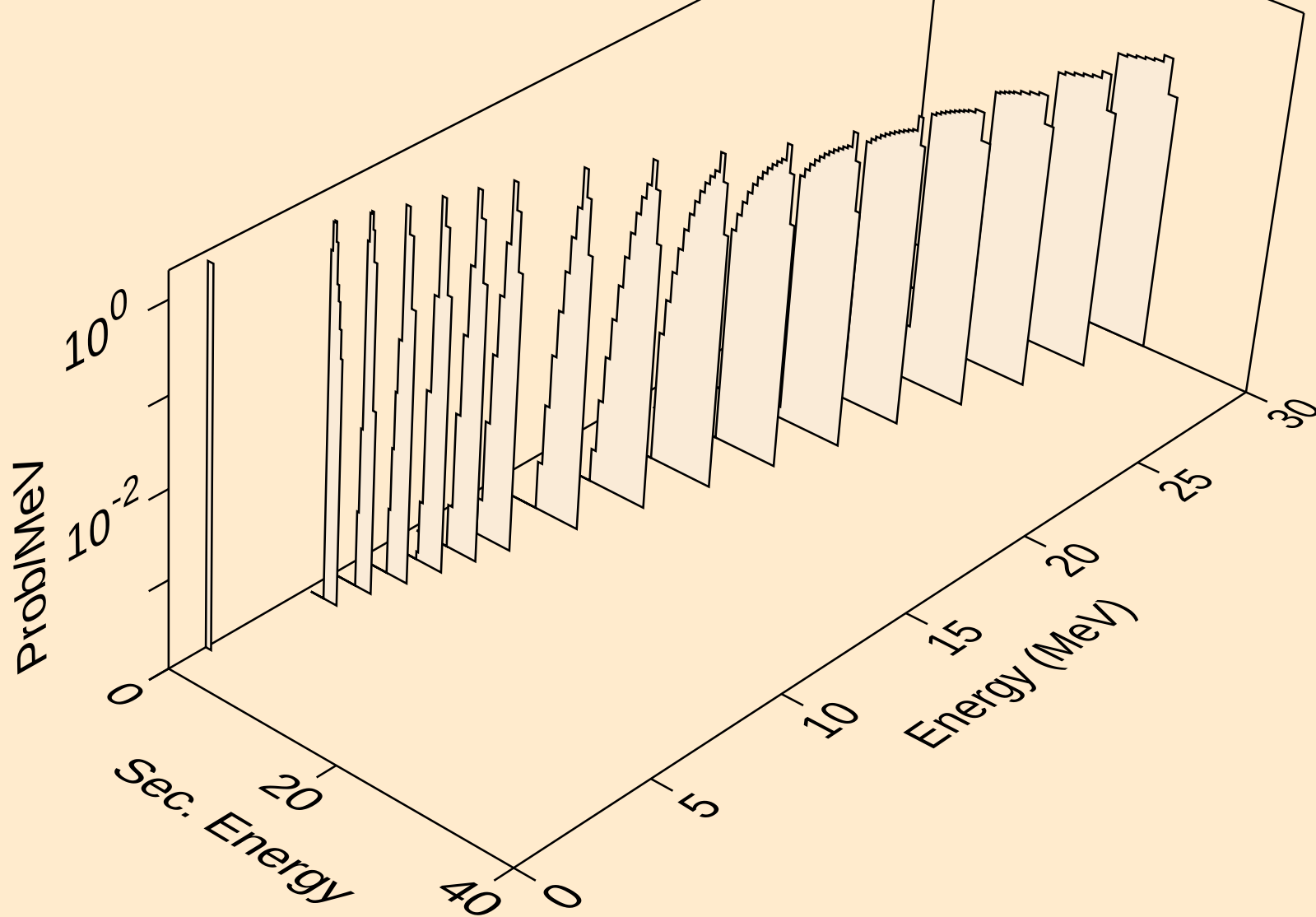
TL212 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (p,2nd)



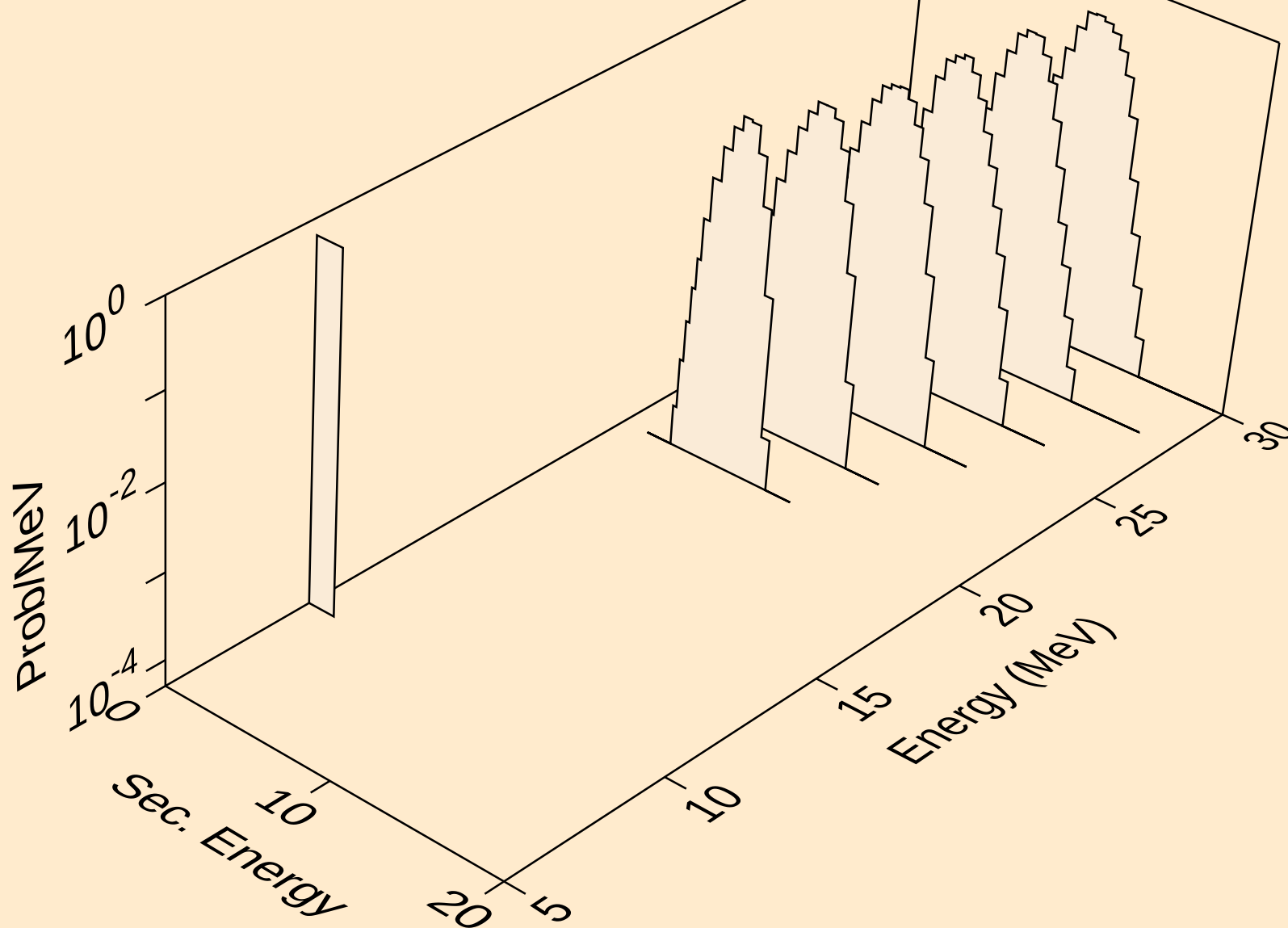
TL212 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (p,n\*)d



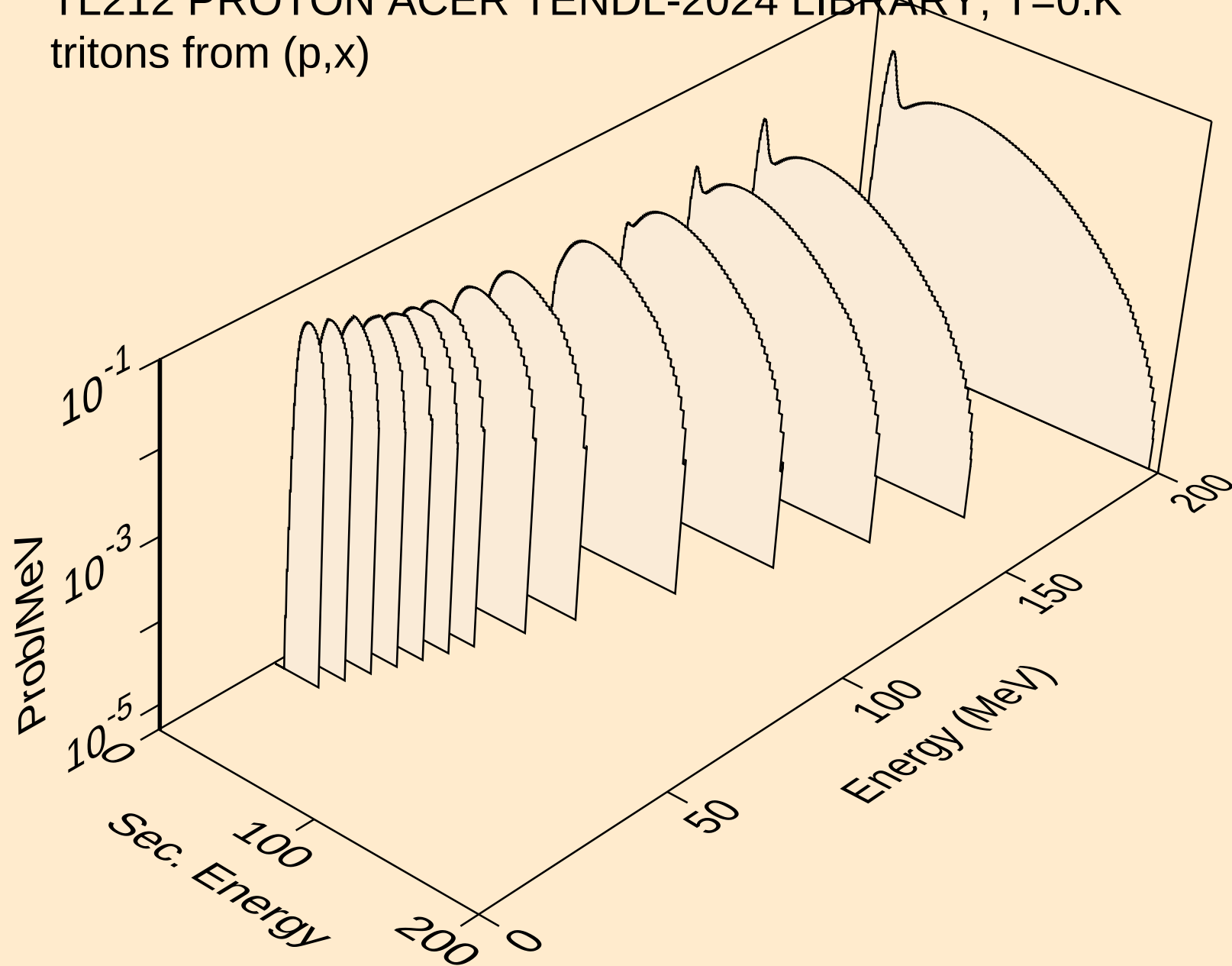
TL212 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (p,d)



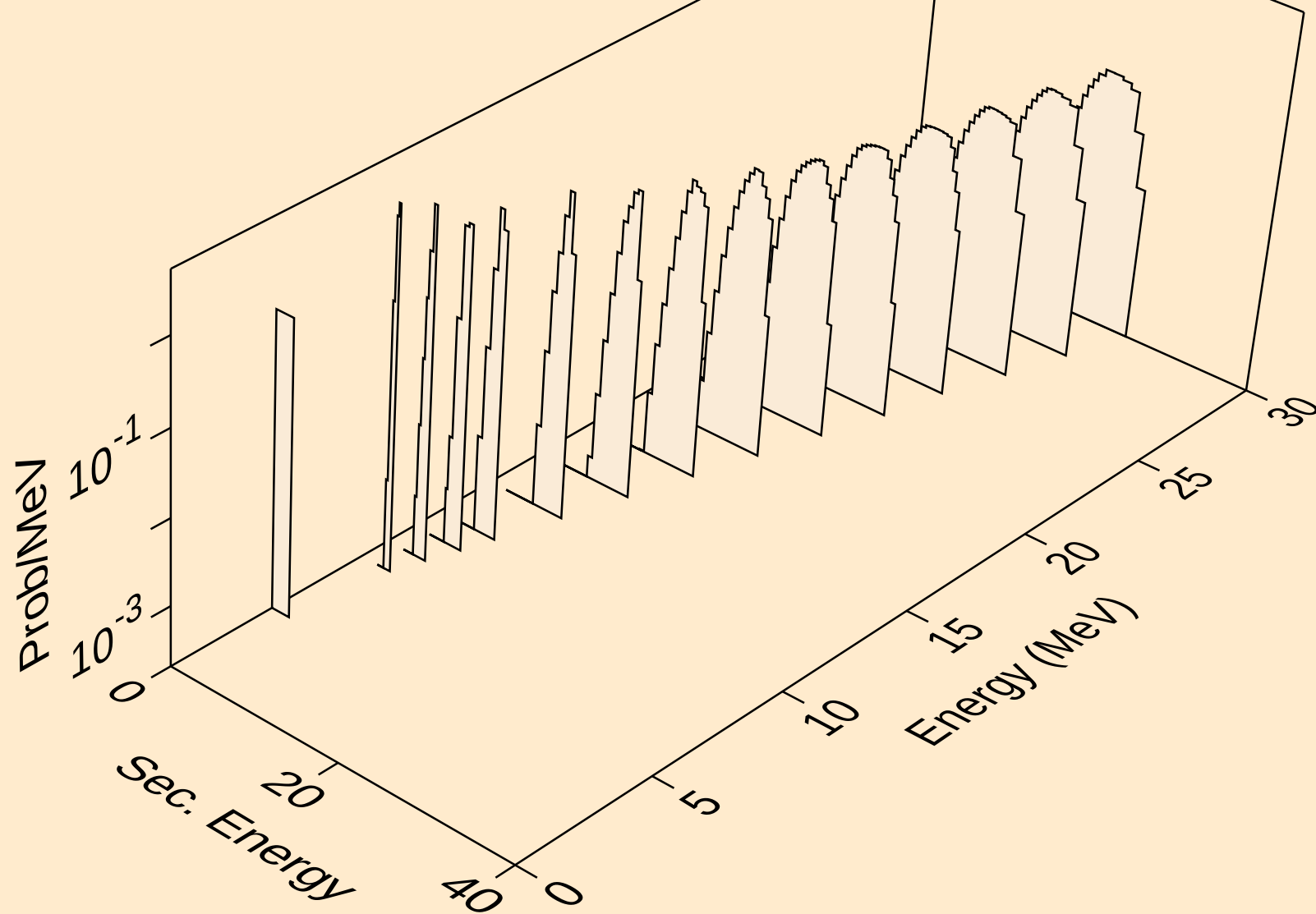
TL212 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (p,pd)



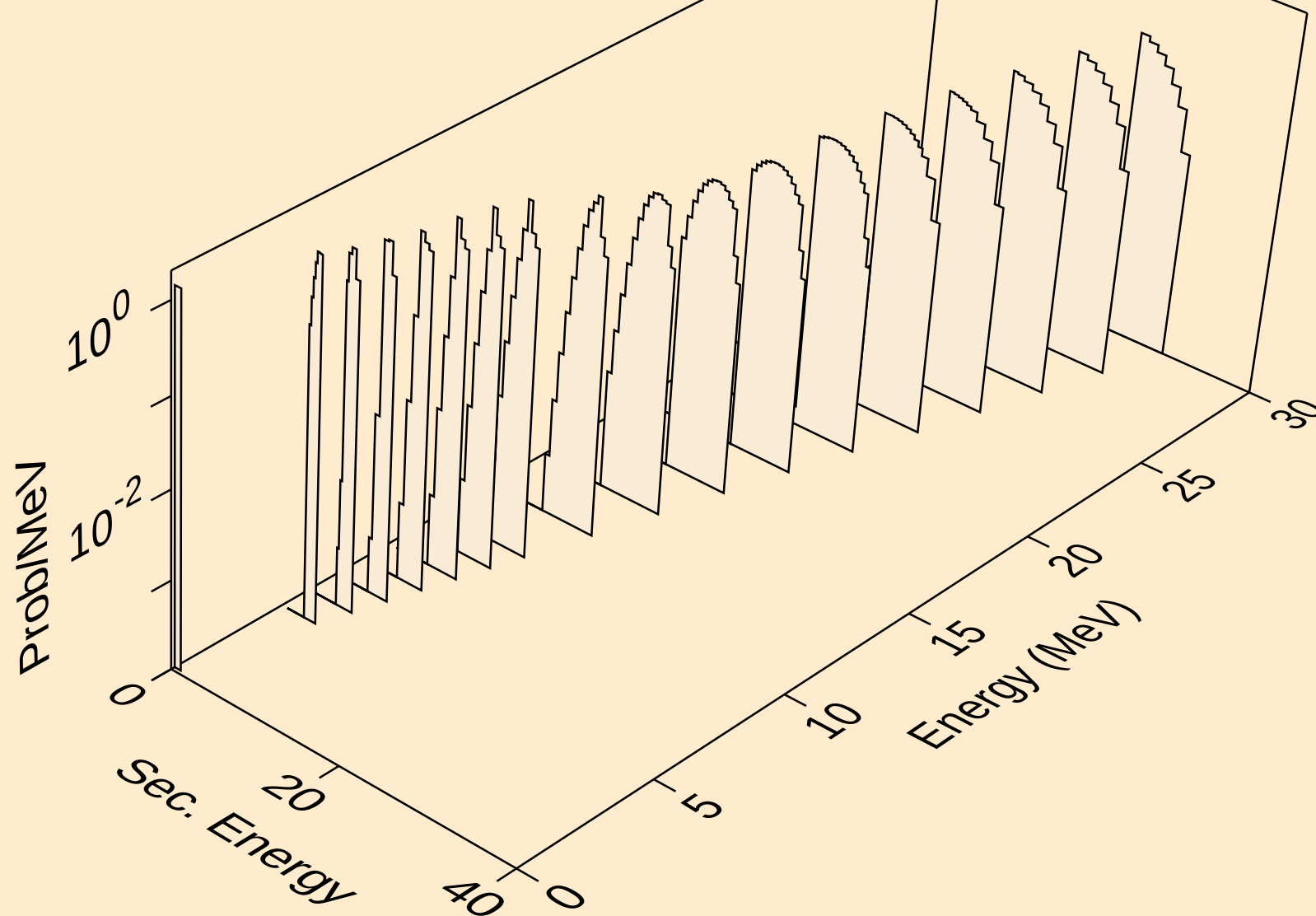
TL212 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (p,x)



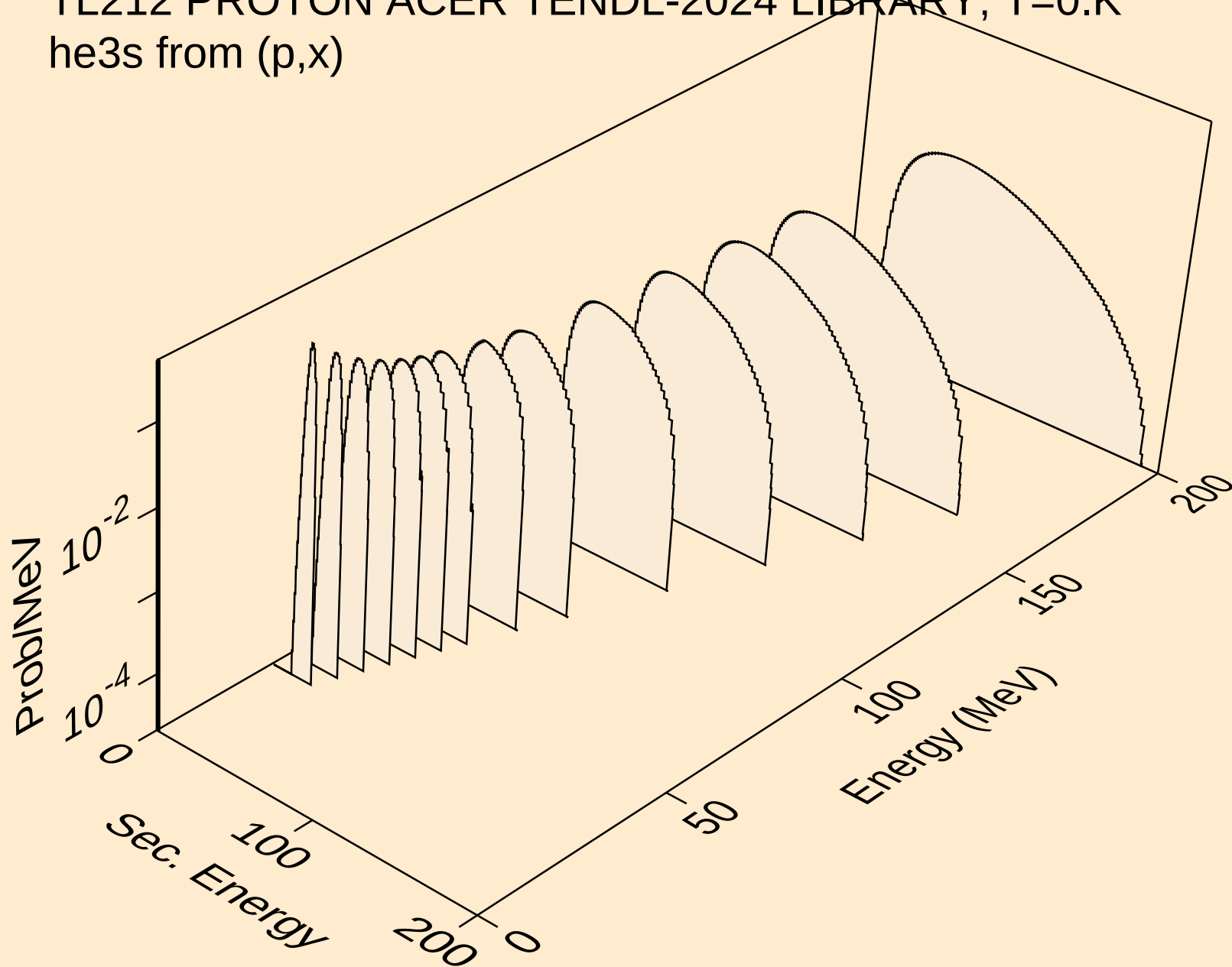
TL212 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (p,n\*)t



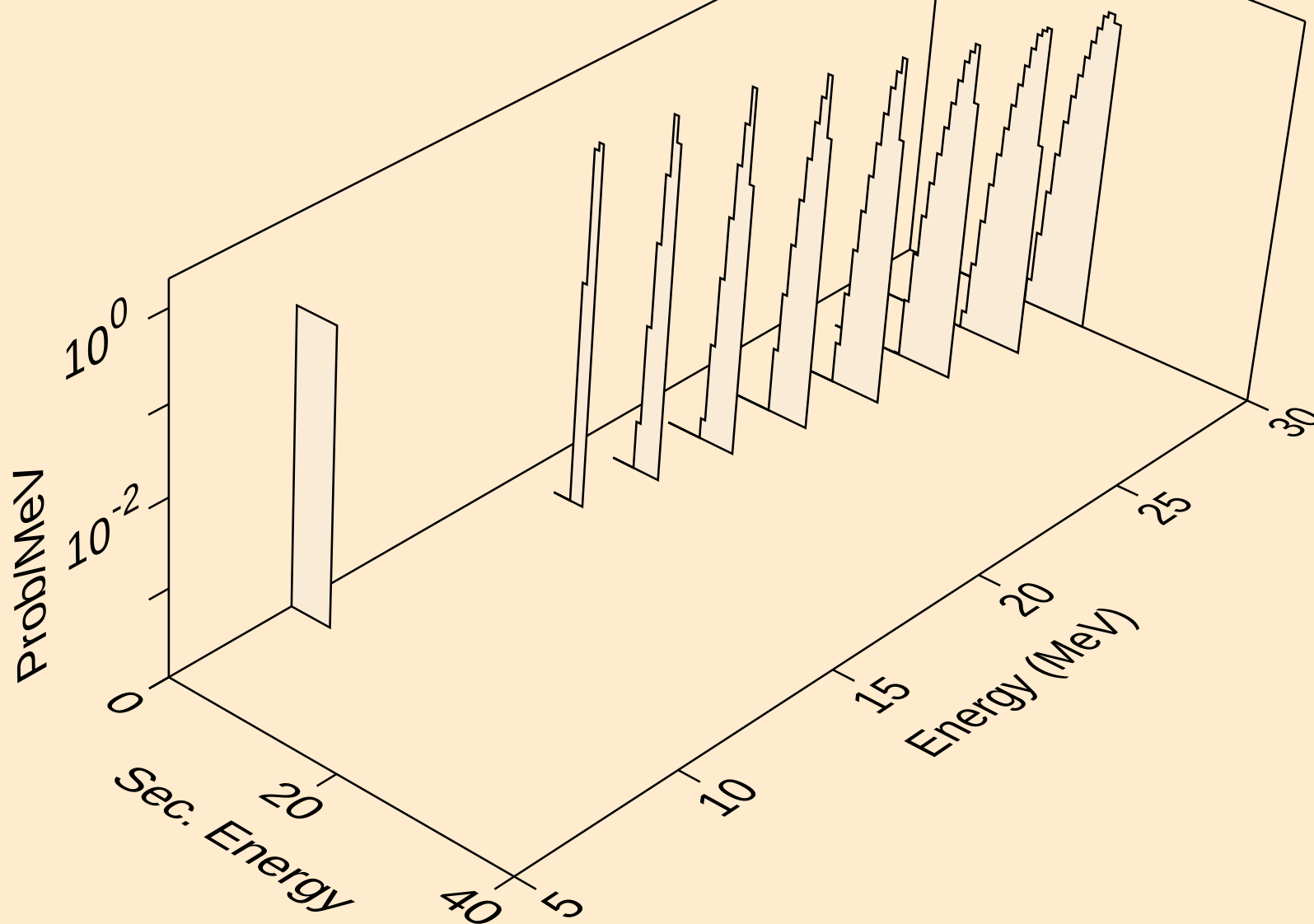
TL212 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (p,t)



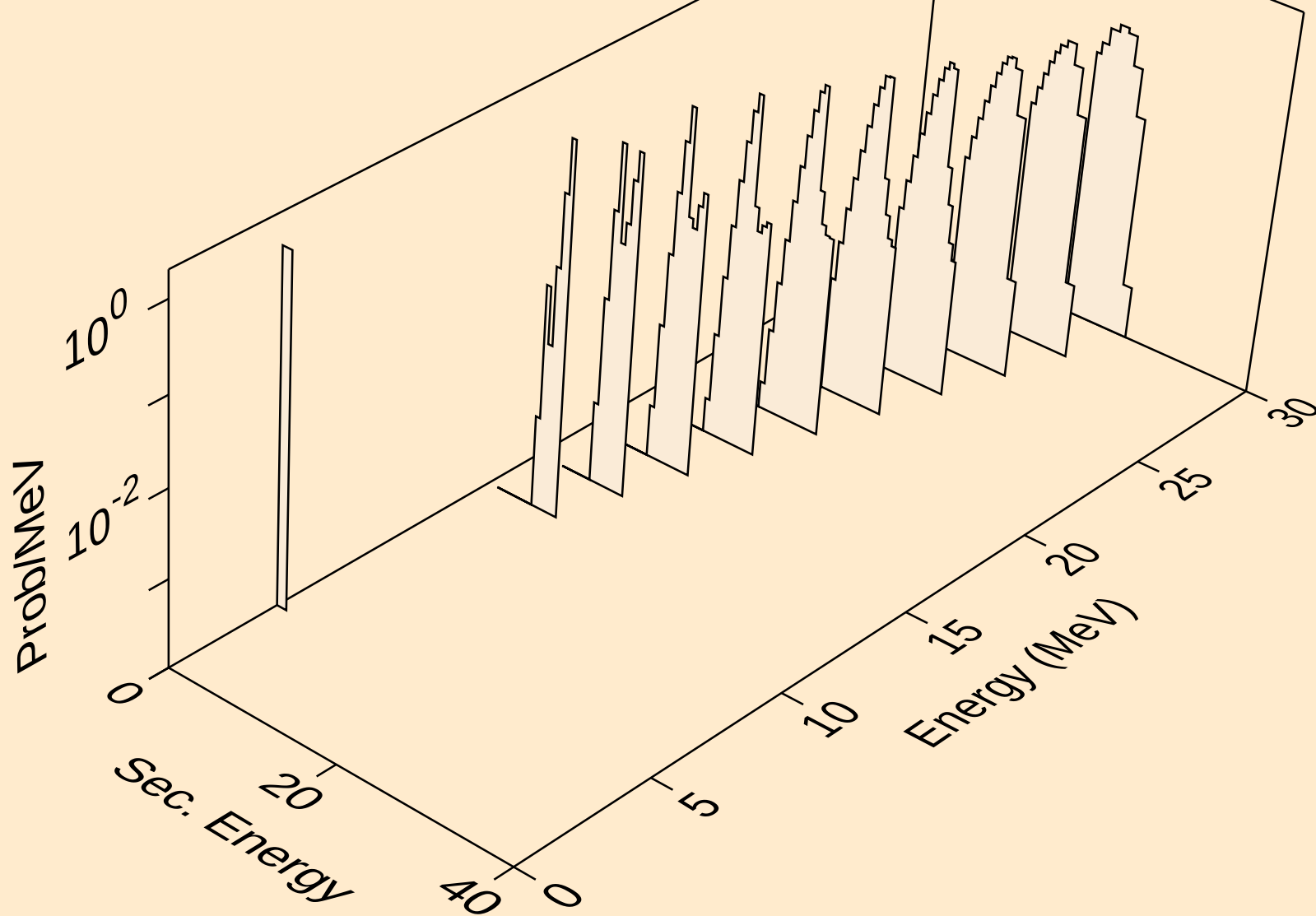
TL212 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (p,x)



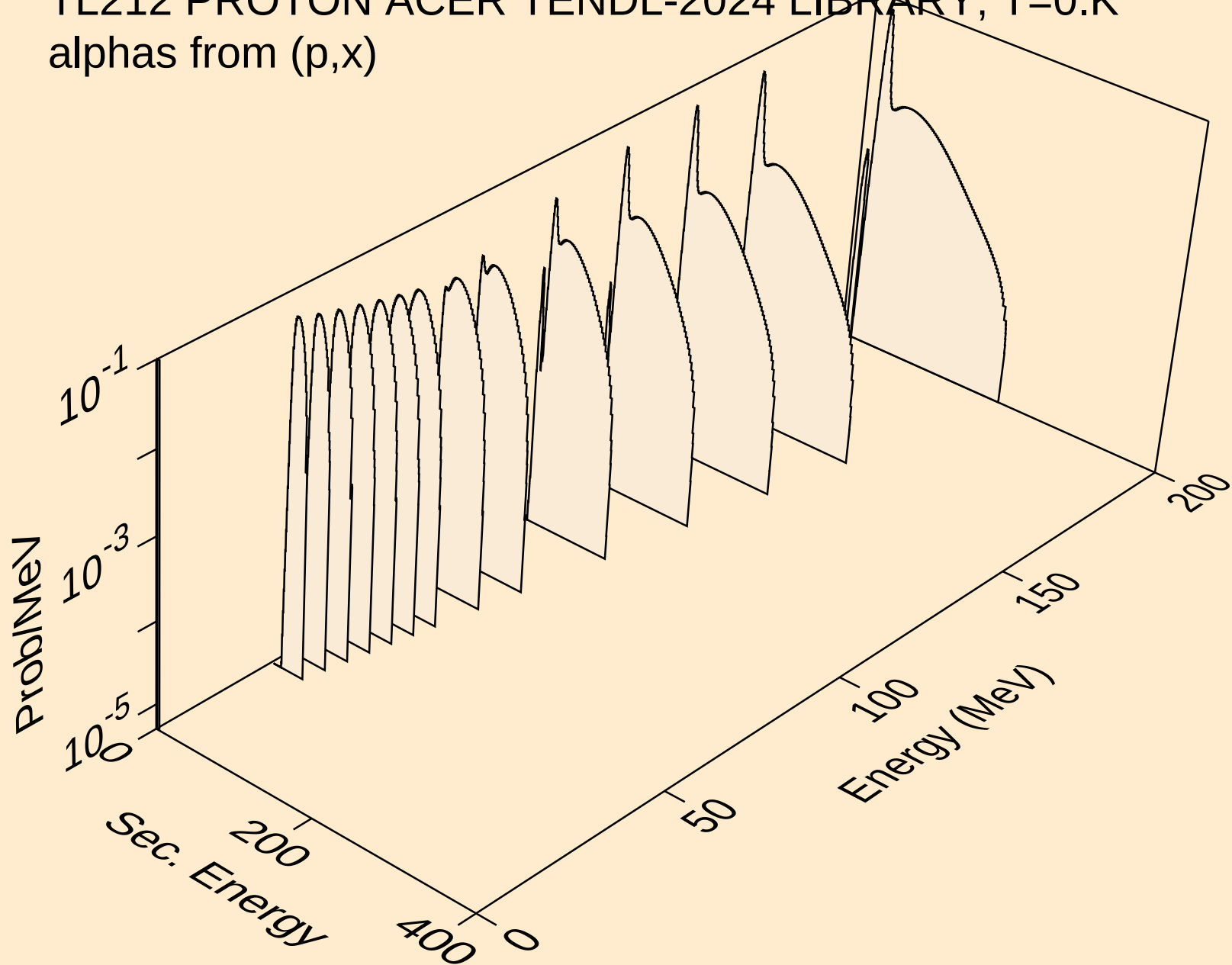
TL212 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (p,n\*)he3



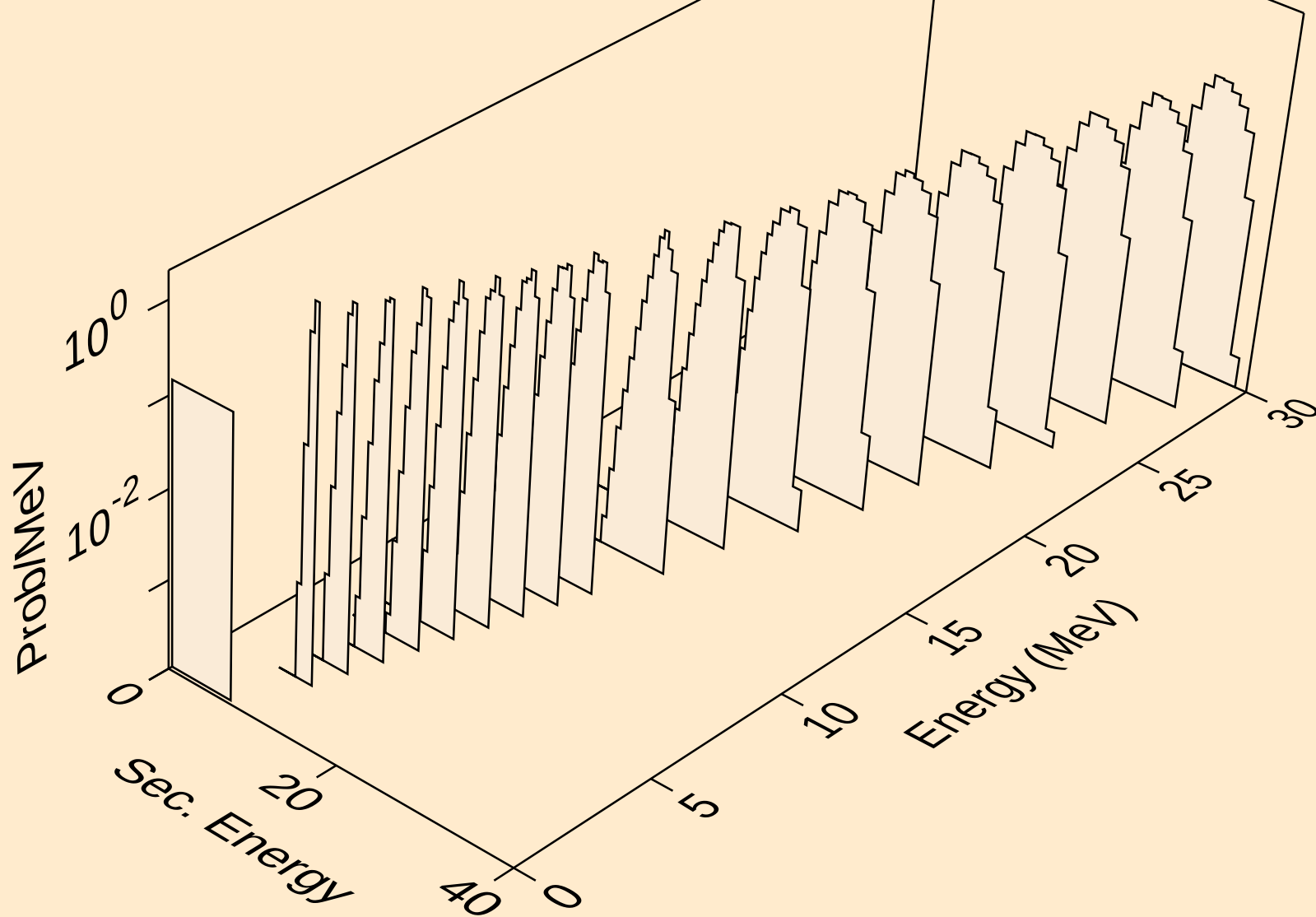
TL212 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (p,he3)



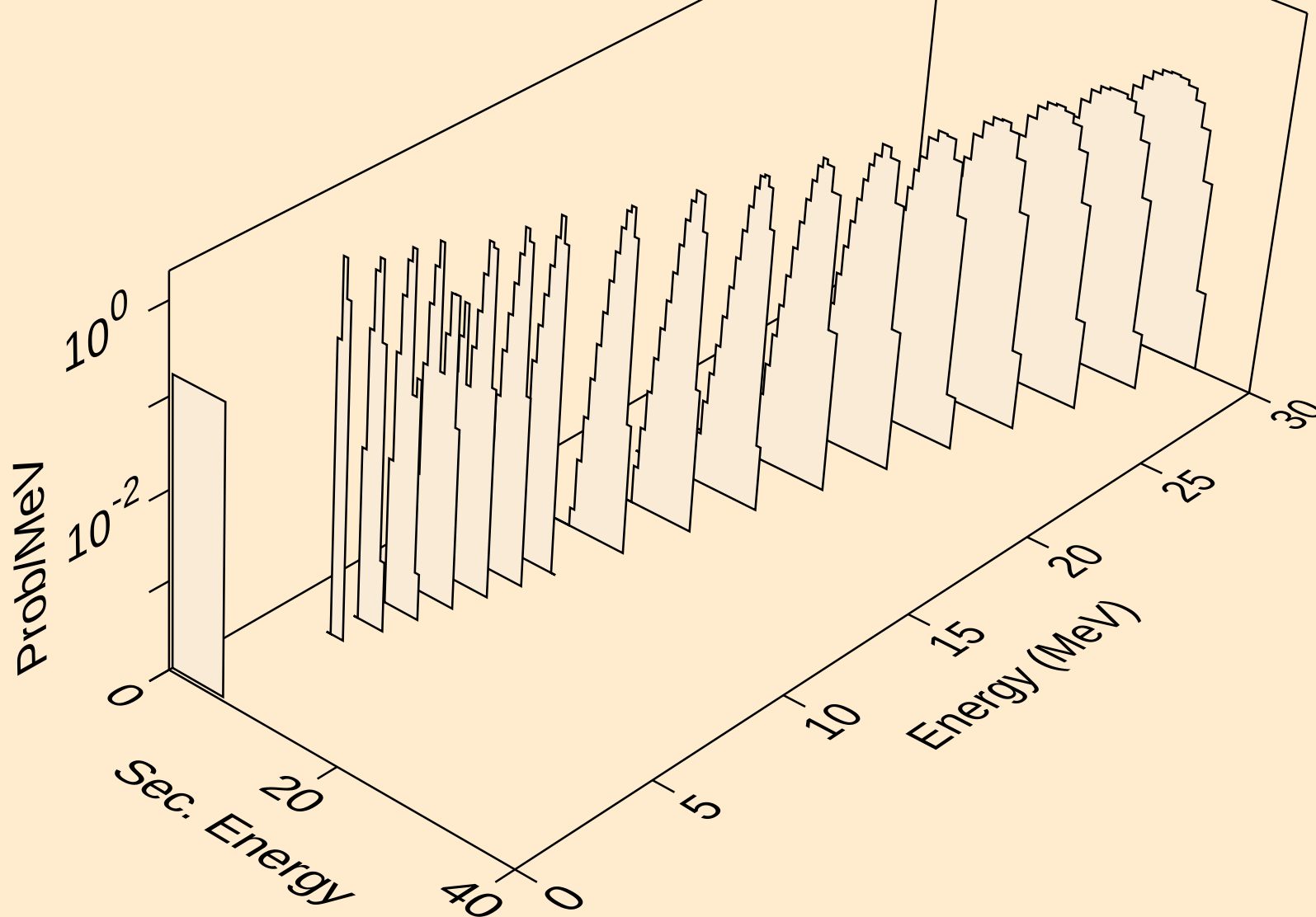
TL212 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,x)



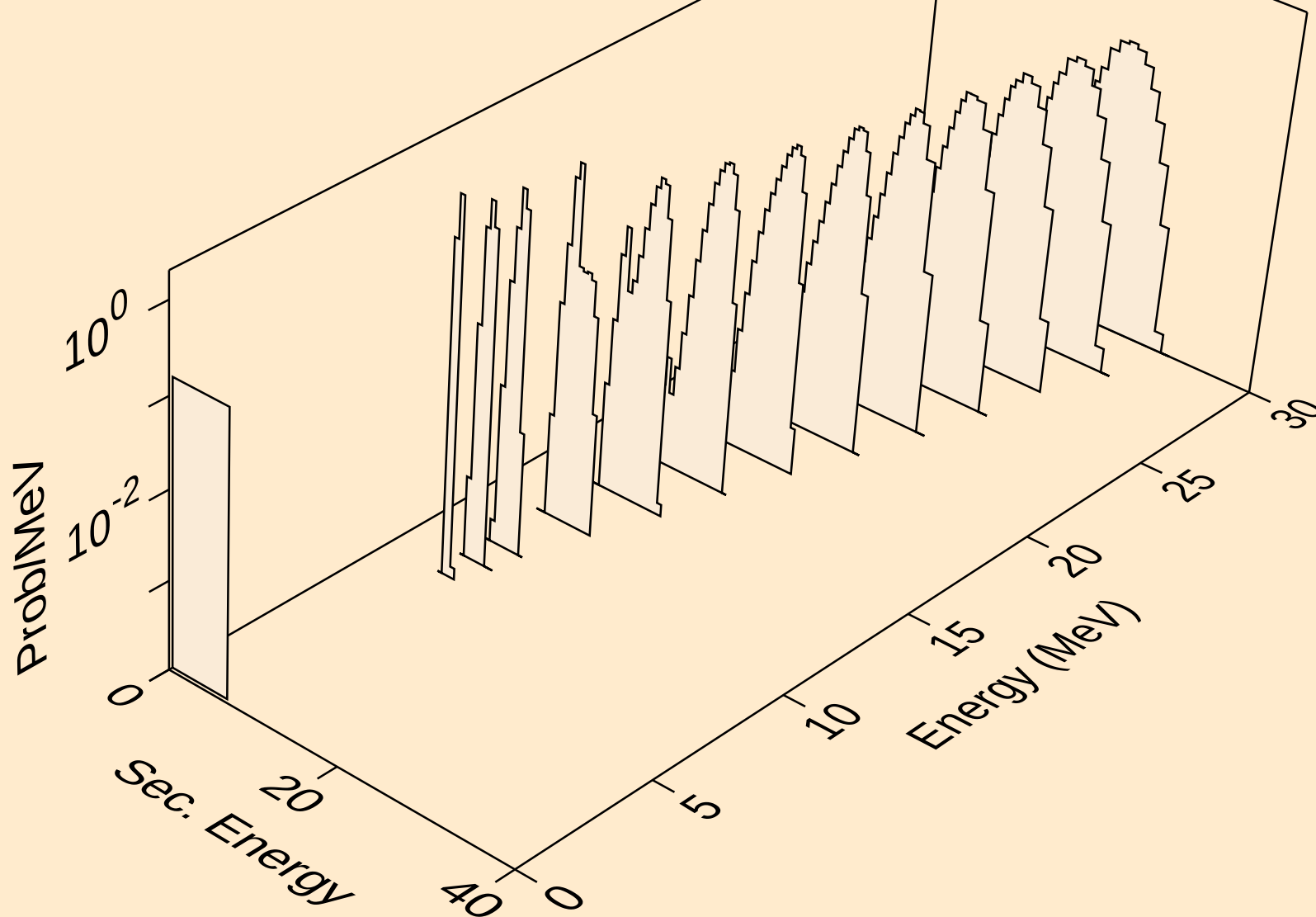
TL212 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,n\*)a



TL212 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,2n)a



TL212 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,3n)a



TL212 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,a)

